



MACKENZIE VALLEY ENVIRONMENTAL

IMPACT AND REVIEW BOARD

PUBLIC HEARING

NICO PROJECT - EA 0809-004

FORTUNE MINERALS LIMITED

Mackenzie Valley Review Board:

Richard Edjericon	Chairperson
Danny Bayha	Member
John Curran	Member
Richard Mercredi	Member
James Wah-shee	Member
Percy Hardisty	Member
Rachel Crapeau	Member

HELD AT:

Behchoko, NT

August 31, 2012

Day 4 of 4

1 APPEARANCES

2	Chuck Hubert	) MVEIRB Staff
3	Paul Mercredi)
4	Simon Toogood)
5	Shannon Hayden)
6	Alan Erlich)
7	Stacey Menzies)
8	Cailin Makin)
9	Vern Christensen)
10	John Donihee	) Board counsel
11		
12	Mike De Carlo	) Fortune Minerals
13	Jim Mucklow	) Ltd.
14	Robin Goad)
15	Tom Rinaldi)
16	Rick Schryer)
17	Pat Moloney)
18	Bill Shepard)
19	John Faithful (np)	) Golder
20	Lasha Young)
21	Theresa Repaso-Subang (np))
22	Rein Jaagumagi (np))
23	Jason Parviainen (np))
24	Ken De Vos)
25	Ken Bocking (np))

1	APPEARANCES (Con't)	
2	Charlie Nitsiza	) Fortune Minerals
3	Damian Panayi	) Ltd.
4	Monique Haakensen)
5	Ross Mitchel)
6	John Virgl (np))
7	Cam Stevens (np))
8	Dan Coulton (np))
9	Letha MacLachlan	) Counsel
10		
11	Clifford Daniels	)Tlicho Government
12	Edward Erasmus)
13	Alfonz Nitsiza)
14	Edward Chocolate)
15	Charlie Football)
16	Marjorie Matheson-Maund)
17	Ryan Chenkie)
18	Joseph Judus)
19	Laura Duncan)
20	Kerri Garner)
21	Ginger Gibson)
22	Janelle Nitsiza)
23	Henry Zoe (np))
24	Stacey Fernandez (via phone))
25	Paul Bachand	) Counsel

1 APPEARANCES (Con't)

2

3 Glen Koblun (np)) Ducks Unlimited

4 Jason Charlwood (np))

5 Lori (phonetic) Mountain (np))

6

7 Bill Enge) North Slave Metis

8 Susan Enge) Alliance

9

10 Russ Teed) GNWT ITI

11 Gordon Rohs (phonetic) (np))

12 Dianne Lafferty)

13 Bernard Park (np)) GNWT

14 Brittany Shumera)

15 Lisa Cardinal)

16 Rita Mueller)

17 Shafic Khouri)

18 Amy Lizotte)

19

20 Todd Slack) YKDFN

21

22 Carey Ogilvie (np)) Environment

23 Sarah-Lacey McMillan) Canada

24 James Hodson (np))

25

1 APPEARANCES (Con't)

2 Loretta Ransom (np)) ENR

3 Kimberly Balsillie (np))

4 Aileen Stevens (np))

5 Dean Cluff (np))

6 Sarah Frue (phonetic) (np))

7 Sunny Ashcroft (np))

8 Bruno Croft (np))

9

10 Sarah Olivier) DFO

11 Rick Walbourne)

12 Bev Ross)

13

14 Kate Witherly) Northern Projects

15) Management Office

16

17 Kathy Racher (np)) WLWB

18 Brett Wheler)

19 Sara Elsasser)

20 Mark Cliffe-Phillips)

21

22 Douglas Soloway (np)) Transport Canada

23 Dale Kirkland (np))

24

25 Ross Mitchell) ERM

1 APPEARANCES (Con't)

2

3 Rob Johnstone) Natural Resources

4 John King) Canada

5

6 Nathen Richea) AANDC

7 Robert Jenkins)

8 Scott Duke)

9 Jason Steele (np))

10 Paul Green)

11 Myranda Bolstad (np))

12 Boyan Tracz) AANDC - CIMP

13

14 Greg Short (np)) Canadian Dewatering

15

16 Sandy Lee (np)) Government of

17) Canada

18

19 Karin Clark (np)) WRRB

20 Allice Legat (np))

21

22 Rachel Olsen) The Firelight Group

23 Harry Apples)

24 Georgina Chocolate)

25 John B. Zoe)

1	TABLE OF CONTENTS	
2		Page No.
3	List of Undertakings	8
4	List of Commitments	9
5		
6	Opening remarks by Chairperson of Review	10
7		
8	Closure - Presentation by Fortune Minerals Ltd.	16
9	Question Period	24
10		
11	Closure - Presentation by AANDC	92
12	Question Period	98
13		
14	Closure - Presentation by Tlicho Government	113
15	Question Period	125
16		
17	Closure - Presentation by YKDFN	145
18	Question Period	152
19		
20	Socioeconomic - Presentation by Fortune Minerals	159
21	Question Period	171
22		
23	Socioeconomic - Presentation by Tlicho Government	200
24	Question Period	207
25		

1	TABLE OF CONTENTS (cont'd)	
2		
3	Socioeconomic - Presentation by GNWT	224
4	Question Period	233
5		
6	Socioeconomic - Presentation by North	
7	Slave Metis Alliance	253
8	Question Period	265
9		
10	Certificate of Transcript	278
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1	LIST OF UNDERTAKINGS		
2	Number	Description	Page No.
3	2	Tlicho Government will file	
4		background information and materials	
5		re: independent monitoring agency for	
6		the Island copper mine by September	
7		15, 2012	139
8	3	GNWT to provide the recommendations	
9		made during the wildlife session on	
10		August 30th, by September 5th	199
11	4	GNWT to indicate percentage labour	
12		market involved in mining and	
13		secondary industries, as well as	
14		percentage of economic activity	248
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

1	LIST OF COMMITMENTS		
2	Number	Description	Page No.
3	2	Tlicho government to answer two (2)	
4		questions: 1) Do you accept the	
5		updated water quality predictions	
6		that are provided in the August 20th	
7		memo? 2) Does this apparent lack of	
8		need, a lack of reliance on the	
9		wetlands, reduce your concern	
10		about wetland performance and	
11		wetland uncertainty? Respond by	
12		September 15th, 2012	135
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

1 --- Upon commencing at 9:16 a.m.

2

3 THE CHAIRPERSON: It's 9:15. I'd like
4 to call this public hearing to order. It's Friday,
5 August 31st, Nico Project EA 0809-004. Nine -- it's
6 actually 9:16, so I call the public hearing to order.

7 Before we start, I'm going to ask the
8 former Grand Chief, Joe Rabesca, to come up to do the
9 opening prayer.

10 FORMER GRAND CHIEF JOE RABESCA: Good
11 morning. Before I start, Mr. Chairman, this morning
12 when I woke up at 6:30, this is what I usually do when
13 we get in a situation like this. Many times I've been
14 in a situation, very, very tough decision to make.

15 When I woke up this morning, I sat all
16 by myself and I thought, going back, back, back, back,
17 back so many years, this is what I do. And this is
18 what I said to myself before I prayed this morning:
19 Everything that we do, it's for people, not ourselves.
20 I don't think about myself, I just think about other
21 people all the time.

22 And I said to myself, you know, it's
23 going to be a very tough decision that the Board has to
24 make. We have to offer our assistance to them, as much
25 as we could. The decision, ultimately, it's up to God.

1 And I said to God, You decide for us
2 today. You help the Board, strengthen their mind, make
3 them wise, help them to make the best decision for our
4 people and for the future of our kids.

5 This is what I usually do, I just let
6 God handle it for me. It's going to be difficult,
7 very, very difficult for me to make that kind of
8 decision, so what I usually do is just let God take
9 over and let Him decide for me, because He's the one
10 that created this earth, He's the one provided
11 everything on this earth that He made. It belongs to
12 him.

13 Whatever we do, we have to take care of
14 it, and let God help us to take care of it, make the
15 right decision. I hope the Board will make that right
16 decision.

17 Let me say a prayer in our own way, and
18 I'll pray for everyone of you, people that travel in,
19 people that are going to travel home to your families
20 and to your loved ones, because we all have families
21 that we have to take care of and look after. But in
22 the meantime, let God look after your family while
23 you're away.

24

25 (OPENING PRAYER)

1

2 THE CHAIRPERSON: Good morning, and
3 masi, former Grand Chief Joe Rabesca for doing the
4 opening prayer.

5

6 It's another beautiful morning this
7 morning, and it's our day 4 of this public hearing
8 here. For two (2) days, we're in Behchoko. I think
9 everybody's fully rested. I think it's good that we
10 started the meeting with a prayer, and -- and so the
11 plan for today again is that I want people, when they
12 come up to speak, state your name for the record.

12

13 And just remind that -- I know that
14 we're on a time limit, but also, we have to take to --
15 take into consideration we also have translators here
16 in the back. Yesterday, I thought they were waving at
17 me, and I was waving them back, and they were saying,
18 Slow down. So anyways, I want to move forward.

18

19 Yesterday -- I -- I want to confirm that
20 the Review Board's ruling on the Tlicho government
21 request for an extra hearing time to consider their
22 traditional knowledge study. We will also use this
23 extra time to finish off all other topics on our
24 agenda.

24

25 The Board has decided to schedule two
(2) additional hearing days as a result of this

1 request. We did so after considering the comments of
2 all parties on the request for ruling. The first day
3 will be for presentation on the TK report by the Tlicho
4 government and questions from the floor -- or, sorry,
5 questions from the parties.

6 The second day, the Board will hear the
7 presentation on the Nico Project access road and any
8 other matters necessary to complete this hearing,
9 including additional time to hear from the Tlicho
10 citizen -- citizens about the project.

11 This hearing will be held on October
12 10th and 11th here in Behchoko; that means today's
13 agenda breaks out as follows: Despite that we started
14 at 9:15, the schedule I'll read out is 9:00 to 12:00,
15 if needed, for a closure presentation and questions.
16 We'll take lunch from 12:00 till 12:30, and after that,
17 from 12:30 till 2:30, we'll -- we'll do socioeconomic
18 presentation and questions. 2:30 until 4:00 p.m. we
19 will hear from the Tlicho citizens, Elders, and public.
20 From 4:00 p.m., we're going to have the closing prayer.

21 Note: Because the Board is coming back
22 to Behchoko in October, we will have several hours on
23 the second day to hear from the public and the Tlicho
24 citizens here in Behchoko. We will allow up to twenty
25 (20) minutes for presentation today, and we'll have to

1 cut them off so that we no longer go beyond the time.
2 The Board have read all the presentation. Please be
3 focussed on what you think we'll need to know, and your
4 recommendation on your presentation.

5 This timetable is, I emphasized
6 yesterday, contingent on the Tlicho government filing
7 their TK report on September 15th, and I want to
8 emphasize that, September 15, this is the date that we
9 were told on record that you were going to have your
10 report done. And, as per their commitments, as -- as
11 far as the other dates go, the Board will -- still
12 wants the final written submissions from the parties.

13 The dates are changed as follows:
14 written submissions from all parties but the -- but the
15 Developer on October 17th, 2012 before the end of the
16 business day; final reply submissions from Fortune
17 Minerals Limited on October 22nd, 2012.

18 The public record will be -- will close
19 upon filing of Fortune Minerals' reply. My staff will
20 confirm these -- these changes and dates with note to
21 file, which will be placed on the -- on the Fortune
22 Mineral -- sorry, on Fortune's registry on -- sorry,
23 placed on the registry early next week.

24 So we'll proceed to -- to the agenda, as
25 mentioned, and, again, I'm -- I'm going to -- as the

1 Chair, I'm going to stick to the agenda that I just
2 read out, so if I have to interrupt and/or put up my
3 hand and say, You've got two (2) minutes, and my
4 friends right here on the side are going to -- they've
5 got a whip, and they're going to hold me to that.

6 So anyway, with that, let's proceed with
7 the presentation.

8

9 CLOSURE - PRESENTATION BY FORTUNE MINERALS:

10 DR. RICK SCHRYER: Thank you, Mr.
11 Chair. Rick Schryer, Fortune Minerals. I'll be
12 presenting Fortune Minerals' position on closure and
13 reclamation. In light of the Board's request to keep
14 this brief, I'm going to be presenting our short
15 version of the presentation. The long version is
16 available on the public registry.

17 We'll also not be presenting our talk on
18 the constructed wetland treatment system; that talk was
19 given on Wednesday, and also is available on the public
20 registry. Dr. Monique Haakensen is -- from Contango
21 Strategies Limited is available to discuss any -- or
22 answer any questions.

23

24 (BRIEF PAUSE)

25

1 Fortune's key objective for closure is
2 to release the property in a manner that is safe for
3 wildlife, aquatic, and human health. In developing
4 this overall closure plan, Fortune Minerals looked at
5 the -- the four (4) key components of closure, which
6 are the co-disposal facility, the flooded open pit, the
7 constructed wetland treatment system, and other
8 infrastructure elements such as site buildings and
9 roads.

10 Just to recap where all of these
11 structures are, this is the co-disposal facility, this
12 is the open pit, this is where the process plant and
13 the camp would be, which would be eventually removed
14 from the site, so that the only two (2) remaining
15 structures at closure would be the co-disposal facility
16 and the open pit.

17 The wetland treatment systems would be
18 downstream of these facilities, and would be
19 constructed in the most suitable location based on our
20 pilot plant studies.

21 For the co-disposal facility, the cover
22 will be placed over a portion of the surface. We will
23 use locally available glacial till. This will minimize
24 wind and water erosion. It will also limit
25 infiltration of rainwater, and will provide adequate

1 store and release capacity. The amounts of
2 infiltration and flow through the CDF are all described
3 in our August 20th closure analysis memo submitted to
4 the Board, and is available on the public registry.

5 The sequence of events that occur in
6 closure is very important in understanding our approach
7 to how this will work out. As we mentioned on
8 Wednesday, we will be -- our plan is to use a
9 constructed wetland system in order to -- to treat
10 water coming from the Nico site at closure.

11 In order to develop this technology, or
12 at least move -- move towards a -- a more demonstrable
13 model of it, Fortune Minerals will be conducting both
14 indoor and outdoor pilot-scale wetland treatment
15 systems at Contango Strategies Limited facility in
16 Saskatoon. That means that, early in operations, we'll
17 be in a position to build a demonstration-scale wetland
18 that's already been proven in the laboratory.

19 As I mentioned earlier, this is not
20 experimental technology, this is a custom build. The
21 technology has already been proven all over the world,
22 and we're just custom building it to the site-specific
23 conditions in order to maximize its efficiency.

24 The idea would be to build -- once the
25 demonstration-scale model has been proven, we would

1 move to the large-scale model, and that would be in --
2 in operation for ten (10) to fifteen (15) years during
3 operations, so that we can demonstrate to people how
4 this technology works, and so that we have a
5 comfortable model -- or a comfortable operating system
6 by the time we reach -- we even get to closure.

7 One (1) of the concerns that many people
8 expressed during our technical meetings was Fortune's
9 plan to passively fill the open pit, which would have
10 taken a hundred and twenty (120) years; that means it
11 would have taken a hundred and twenty (120) years to
12 reach our final closure condition.

13 Based on input from a variety of
14 concerned parties, including the Tlicho, we have now
15 committed to actively filling the open pit. This would
16 take approximately twelve (12) years, because it would
17 be in accordance with DFO guidelines. The simple
18 matter is you simply can't draw that much water out of
19 the Marian River without -- and -- and still maintain
20 its integrity.

21 So early in closure, you start filling
22 the open pit. Your wetland treatment system for the
23 co-disposal facility is already in place and already
24 working. Strategically, though, what you would want to
25 do is, just before the open pit is filled, you would

1 stop. There's two (2) reasons for that.

2 One is you want to let that water settle
3 out. You want to let it settle out, because once it
4 settles out, there may not be a need for treatment. We
5 would look at the water quality of the open pit. If it
6 still did not meet discharge standards, we would then
7 look at in-pit treatment options. This only makes
8 sense. If you have an opportunity to treat the water
9 in the open pit before it gets released to the
10 environment, why wouldn't you do that? Why wouldn't
11 you improve it?

12 If that in-pit treatment worked and
13 there was no further need for treatment, then we -- the
14 open pit would simply be allowed to discharge.

15 I should note that we -- Fortune
16 Minerals obtained a second opinion on the volume of
17 discharge that would be coming from the open pit. We
18 actually got a lower number from our second opinion.
19 We're using the -- the higher number that Golder
20 Associates produced for our predictions.

21 If the water was unsuitable for release
22 in the -- in the open pit after in-pit treatment
23 attempts, Fortune Minerals would then move ahead with
24 the construction of a second wetland treatment system.
25 However, as I mentioned, this is a custom build, so you

1 need to know the chemistry of the open pit before you
2 can build the wetland.

3 So it -- so we would measure the
4 chemistry of the open pit, and then build the second
5 wetland according to the needs of -- to specifically
6 meet the needs of that particular discharge.

7 You also can't build a wetland without
8 water, so we would have to have open pit overflow in
9 order to be able to construct the wetland.

10 The Board asked Fortune Minerals to
11 construct -- conduct likelihood analyses in terms of how
12 confident are we in the various elements of closure.
13 Fortune has examined -- has broken it down, and we are
14 very confident that both the flows and the chemistry
15 from the CDF are going to be within the range
16 predicted.

17 We are very confident that the
18 constructed wetland treatment systems can meet site-
19 specific water quality objectives based on past
20 experience and our proposed methods. We're also very
21 confident that adverse effects on receptors are not
22 likely to occur in Nico, Peanut, and Burke Lake and the
23 Marian River with the current closure plan.

24 It should be noted that for the SSWQOs
25 in Nico Lake at closure, our SSWQO is fifty (50). The

1 levels of arsenic that are currently going into Nico
2 Lake, as measured earlier this month, are a 112
3 micrograms per litre of arsenic. Therefore, our SSWQOs
4 are roughly half of what's going into the system right
5 now.

6 The inclusion of the wetland treatment
7 systems provide an added measure of assurance. The
8 adverse effects on surface waters from the open pit
9 will not occur during closure or post-closure.

10 Fortune Minerals also conducted a risk
11 assessment where we looked at the potential risks to
12 the receiving environment with and without wetland
13 treatment. The results of that risk assessment show no
14 difference. There is no -- even without wetland
15 treatment, there is no change in risk to that
16 calculated for the closure site -- for closure
17 condition at the Nico site.

18 Briefly talk about other elements of
19 closure. As I mentioned earlier, all of the buildings
20 and infrastructures would be removed from the site.
21 The fate of the Nico project access road would need to
22 be discussed with the Tlicho government, and we'd be
23 open to their suggestions in terms of how they want to
24 deal with that road at closure.

25 Fortune Minerals has committed to

1 involving the Tlicho people in the determination of the
2 vegetation cover for the co-disposal facility. We wish
3 to incorporate traditional knowledge into the closure
4 planning for this project as it moves into operations,
5 and we will be conducting progressive leclama --
6 reclamation throughout this project in order to move
7 closer to a closure -- closure condition as we move
8 later and later into operations.

9 It should be noted that a closure plan
10 is a living document; it's not stagnant. We've made
11 the commitment to revisit the closure plan every five
12 (5) years, because as we've learned from other mining
13 projects, things change, and there's always a need to
14 go back and revisit the closure plan and revisit your
15 plans and update things, and we think that's the most
16 effecient -- efficient means of getting things done.
17 So, like I said, it's a living document that will
18 progress as the mine progresses and as -- as we gain
19 more knowledge.

20 With that, I'd like to thank the Board
21 for its time, and Fortune Minerals is ready to answer
22 any questions.

23 THE CHAIRPERSON: Okay. Thank you for
24 your presentation. You had seven (7) minutes left, so
25 did you want to just repeat? I'm just kidding. Good

1 morning. Thank you for your presentation.

2 But before I go to questions, I just
3 want to confirm the -- and thank the Tlicho government
4 for making a venue available to the Review Board for
5 October 10 and 11 for our two (2) day hearing coming up
6 next -- in a few weeks. So I want to say thank you to
7 that.

8

9 QUESTION PERIOD:

10 THE CHAIRPERSON: We'll go into
11 questions now, but before I ask the questions, I just
12 want to continue to emphasize that -- that we have
13 simultaneous translation in the Tlicho language, so if
14 there's no need to maybe explain in -- either in
15 Akaitcho and English. We all have headsets, so I'm
16 just going to ask that we -- maybe we just do that one
17 (1) time if we need to do it that way.

18 Okay. So I'm going to go into the
19 order. Sorry? So the -- the order -- I'm going to
20 start from the bottom. Was there any questions from
21 Natural Resources Canada in regards to Fortune
22 Minerals' presentation?

23

24 (BRIEF PAUSE)

25

1 MR. ROB JOHNSTONE: Rob Johnstone with
2 Natural Resources Canada. Mr. Chairman, I was
3 wondering, in this project, whether there will be
4 continuing exploration to see whether there is
5 potential for extending the mine life, and, of course,
6 bringing that into the mine life planning.

7 THE CHAIRPERSON: Thank you for your
8 question. I'm going to go to Fortune Minerals.

9 MR. TOM RINALDI: Tom Rinaldi, Fortune
10 Minerals. As with any mining, there will be ongoing
11 drilling on the property to determine if there are --
12 are any additional resources available. However, for
13 the -- the Nico pit itself, it is pretty much drilled
14 out. We've drilled it on several occasions, and the --
15 the ore body there is -- is pretty well fixed.

16 One (1) way to determine that is, our
17 reserve category is all in the major category, the
18 highest category possible, which pretty much tells you
19 that you pretty much know what you have in that
20 discrete area. Thank you.

21 THE CHAIRPERSON: Okay. Thank you.
22 Any further questions from Natural Resources Canada?

23 MR. ROB JOHNSTONE: Thank you, Mr.
24 Chairman. That's a very complete answer, and that's
25 what I was seeking. Thank you, and no further

1 questions.

2 THE CHAIRPERSON: Thank you. I'm going
3 to go to Transport Canada. Any questions for Fortune
4 Minerals on their presentation?

5

6 (BRIEF PAUSE)

7

8 THE CHAIRPERSON: Don't see any hands
9 up or money coming out. I want to go to Environment
10 Canada. Any questions for Fortune Minerals?

11

12 (BRIEF PAUSE)

13

14 THE CHAIRPERSON: Okay. I don't see
15 anybody. I'm going to go to Aboriginal Affairs and
16 Northern Development Canada, AANDC. Any questions for
17 Fortune Minerals on their presentation? And, again, I
18 just want to emphasize that it'd be -- make your
19 questions clear and to the point. Thank you.

20 MR. ROBERT JENKINS: Thank you, Mr.
21 Chair. It's Robert Jenkins, Aboriginal Affairs. Got
22 with me Nathen Richea, also Aboriginal Affairs.

23 I'll just start with a question on the
24 wetland treatment. So if water needs to be treated
25 through this process, one (1) of the key issues is

1 performance through time. You're proposing that this
2 be a walk-away solution. So I'm just wondering if you
3 could detail, through examples or experience in other
4 sites, what's required after. So is any monitoring
5 required?

6 As well, if you could identify what you
7 would know as the longest period of record on
8 performance. So you're looking at potentially up to a
9 perpetual situation, so what have we seen -- have you
10 seen these things work for; are we talking ten (10)
11 years, twenty (20) years, thirty (30) years, fifty (50)
12 years, a hundred (100) years? What has been proven?

13 And in those examples, it would be also
14 useful for you to say, you know, It was -- longest
15 thing that I know is a hundred (100) years, but that
16 was for municipal waste water, or that was for toxic
17 waste. Thank you.

18 THE CHAIRPERSON: Thank you for your
19 question. I'm going to go to Fortune Minerals.

20

21 (BRIEF PAUSE)

22

23 DR. RICK SCHRYER: Rick Schryer,
24 Fortune Minerals. I'll answer the first part of your
25 question, and then Dr. Haakensen will answer the -- the

1 latter part.

2 In terms of length of performance, the
3 best example out there is the grid ponds that are
4 currently on site. They've been there since the last
5 ice age. They are still removing arsenic from the
6 water at a rate of about 50 percent removal. That --
7 you know, that's a perfectly workable model in terms of
8 a wetland that removes metals from a system, so I think
9 that's a very good example of how even just a natural
10 wetland can, over a very long term, continue to remove
11 metals from water.

12 Dr. Haakensen will provide the second
13 part of the response.

14 DR. MONIQUE HAAKENSEN: As far as
15 constructed wetlands, I would not know the longest-
16 standing one ever. There are hundreds of constructed
17 wetlands treating mining waste around the world right
18 now.

19 As an example, though, there are
20 constructed wetlands I know of that are treating mine
21 wastes that have been in operation for over the past
22 quarter century, and it is well documented that their
23 performance actually -- sorry. Sorry. Oh, closer. It
24 is well documented that their performance actually
25 improves over time as these wetlands become fully

1 functional over the years.

2 THE CHAIRPERSON: Thank you. I'm going
3 to go back to AANDC.

4 MR. ROBERT JENKINS: Thank you, Mr.
5 Chair. Robert Jenkins. Thank you for your answer.

6 Just a followup to that: I'm just
7 wondering if some of that information has been provided
8 on the record, and whether or not it might be useful to
9 the Board. I think it might be useful to the Board in
10 their determinations.

11 So I'm just wondering how hard it would
12 be to maybe provide several case examples of some of
13 these items, perhaps -- perhaps through an undertaking.
14 Thank you.

15 THE CHAIRPERSON: Thank you. I'm going
16 to go back to Fortune Minerals. That's a good
17 question.

18 MS. MONIQUE HAAKENSEN: Monique
19 Haakensen, Contango Strategies. We have actually
20 submitted a document yesterday morning to the Board
21 that lists several examples. Just a couple of
22 different examples of constructed wetlands that are
23 currently treating mine effluent: there is the Bell
24 Copper mine in BC, there is the Birchtree mine in
25 Manitoba, there is the Dunka mine in Minnesota, USA.

1 There is the Keno Hill mine in the Yukon, which has
2 been operating for several years and is treating the
3 mine effluent from that mine, too, and obviously that's
4 a cold climate.

5 So there are many examples of long-term,
6 functioning constructed wetlands treating mine waste,
7 including in cold climates. Thank you.

8 THE CHAIRPERSON: Thank you. So if
9 it's on the Review Board public registry, then it'll
10 probably be posted in probably the next few days. So
11 I'll go back to AANDC.

12 MR. ROBERT JENKINS: Thank you, Mr.
13 Chair. It's Robert Jenkins. Thanks for that. Looks
14 like you've provided something, so we'll -- won't
15 pester you for an undertaking for something that's been
16 -- been provided. So we'll review that. Look forward
17 to taking a look and roll that into our closing
18 remarks.

19 Nathen Richea now has a couple of
20 questions. Thank you, Mr. Chair.

21 MR. NATHEN RICHEA: Thank you. It's
22 Nathen Richea with the Water Resources Division at
23 Aboriginal Affairs.

24 First question is regarding whether
25 Fortune is committing to build a constructed wetland

1 treatment system for the CDF and for the pit overflow
2 as part of the closure and reclamation for the site?

3 THE CHAIRPERSON: Thank you. I'll go
4 to Fortune Minerals.

5 DR. RICK SCHRYER: Rick Schryer,
6 Fortune Minerals. Yes, that is indeed the case. We
7 will be building the wetland treatment system for the
8 CDF; that's the one we're building early in operations.
9 We want to be able to demonstrate the technology
10 throughout operations and show everybody it works so
11 that that model is in place and operational by the time
12 we reach closure.

13 As I mentioned in my talk in Whati,
14 Fortune Minerals is also committing to building the
15 second wetland treatment system, should it be required.
16 As I just mentioned in my talk, we're first going to
17 look at the open pit and see if we can deal with water
18 quality in the open pit before we -- before having to
19 build the second wetland.

20 And, like I said, we need to have the --
21 if -- the chemistry of the open pit is critical to the
22 design of the wetland in order to optimize its
23 performance. But if the second wetland is needed,
24 Fortune Minerals will build it, and I fully assume
25 that, you know, in terms of our closure costing or

1 closure bond, the cost of filling the open pit and the
2 cost of the second wetland will be included.

3 THE CHAIRPERSON: Okay. Thank you.
4 I'm going to go back to AANDC.

5 MR. NATHEN RICHEA: Thank you, Mr.
6 Chair. It's Nathen Richea with the Water Resources
7 Division, Aboriginal Affairs.

8 Yeah, I guess the context of the
9 question was -- I was looking at the August 20th memo,
10 the response to the Mackenzie Impact Review Board
11 question, and it looked like the steady-state
12 concentrations for the open pit were the same as the
13 passive filling.

14 So I was just wondering whether or not,
15 over the long term, the wetland treatment system may be
16 required. Thanks.

17 THE CHAIRPERSON: Thank you. I'll go
18 to Fortune Minerals.

19 DR. RICK SCHRYER: Rick Schryer,
20 Fortune Minerals. I'm fairly confident that the open
21 pit won't require treatment. Of course, time will
22 tell. Our model is extremely conservative in that
23 we're assuming that the open pit circulates. With 166
24 metres of depth, I fully expect that it'll stratify and
25 that you'll have all of the denser solutes at the

1 bottom of the pit and the freshwater on the top.

2 That's been the experience with a lot of
3 previous open pits, but we're being very conservative
4 here in saying, you know, if this is the worst-case
5 prediction for water quality in the open pit, that's
6 the -- that we presented and if those are the
7 conditions, then we would build a second wetland
8 treatment system.

9 Like I said, there's a couple of options
10 before that in terms of in-pit treatment that we would
11 examine, but if it's required, then we could move ahead
12 with the design.

13 THE CHAIRPERSON: Okay. Thank you.
14 I'm going to go back to AANDC.

15 MR. NATHEN RICHEA: Thank you, Mr.
16 Chair. It's Nathen Richea with the Water Resources
17 Division. I have about three (3) more questions. Is
18 that -- okay.

19 So the question I have now is: What are
20 the reductions that would be achievable through a
21 constructed wetland treatment system, for example for
22 arsenic? I think naturally we're looking at about a 50
23 percent reduction. Is there a range of reductions for
24 arsenic that can be provided?

25 And can you also explain how those

1 reductions may change per parameter, or whether they
2 would sort of be in the same ballpark?

3 THE CHAIRPERSON: Okay. Thank you.
4 I'll go to Fortune Minerals.

5

6 (BRIEF PAUSE)

7

8 DR. MONIQUE HAAKENSEN: Monique
9 Haakensen, Contango Strategies. In past work that we
10 have done treating arsenic with constructed wetlands,
11 we have achieved as much as 87 percent removal, and
12 that is using levels of arsenic that are similar to
13 what is predicted for the Nico seepage, so 300
14 micrograms per litre.

15 Our current designs that we're working
16 on, which further optimize this, we are looking at
17 getting this down to even lower concentrations and --
18 and better removals. So the constructed wetlands do
19 achieve better removal than a natural system normally
20 would, and this is because we learn from the natural
21 system and apply that knowledge to optimize things.

22

23 (BRIEF PAUSE)

24

25 DR. MONIQUE HAAKENSEN: Other metals

1 that can be removed with a constructed wetland include
2 cadmium, aluminum, iron, selenium, and a wide range of
3 other metals that we have worked with in the past. We
4 have provided a list of references into different
5 projects we have worked on the past, and the types of
6 metals in those projects, in the closure memo that was
7 filed on August 20th.

8 THE CHAIRPERSON: Thank you. I'll go
9 back to AANDC.

10 MR. NATHEN RICHEA: Thank you. It's
11 Nathen Richea with the Water Resources Division. Just
12 a quick followup.

13 So are there projected reductions
14 similar, I guess, between parameters? And I noted you
15 haven't included nutrients in -- in those parameters of
16 concern, so I was just wondering if there is a
17 potential for reduction of -- of nutrients as well.
18 Thanks.

19 THE CHAIRPERSON: We'll go to Fortune
20 Minerals.

21

22 (BRIEF PAUSE)

23

24 DR. MONIQUE HAAKENSEN: Monique
25 Haakensen, Contango Strategies. Our -- the purpose of

1 performing the pilot wetlands is to calculate the
2 actual removal rates of each of the different
3 constituents of concern. So this is part of the custom
4 design of a wetland, and calculating the removal rates
5 of each element in this water for this specific site.
6 And, with that information, we can appropriately scale
7 the wetland to remove the percentages that we need to
8 for the project.

9 We can also -- as you've asked, yes, we
10 can treat for nutrients with the wetlands.

11 THE CHAIRPERSON: Thank you. I think
12 you've got one (1) more question, AANDC?

13 MR. NATHEN RICHA: Thank you, Mr.
14 Chair. It's Nathen Richea. I have two (2) more
15 questions.

16 Regarding the constructed wetland
17 treatment system, can you explain a bit how the layout
18 would be compared to a natural type wetland system?
19 Are you anticipating a series of grid ponds or cells,
20 or would it be constructed in a way this would mimic
21 sort of a natural type wetland, like you saw -- like we
22 saw in the pictures, I guess, yesterday? Can you just
23 explain that? Thanks.

24 THE CHAIRPERSON: Thank you. Fortune
25 Minerals...?

1 DR. MONIQUE HAAKENSEN: Monique
2 Haakensen, Contango Strategies. The constructed
3 wetlands that we build are built in -- built with
4 cells, and each cell is in a rectangular shape in order
5 to ensure that we have a uniform water flow so we can
6 predict its performance across the entire cell.

7 The configuration of the cells in
8 relation to one another, and the number of cells, and
9 the size of each cell will be dependent upon the actual
10 demon -- the data from the demonstration and pilot
11 scales, as well as the topography of the site and input
12 from hydrologists and engineers on the best layout for
13 the particular site.

14 THE CHAIRPERSON: Okay. Thank you,
15 Fortune Minerals. AANDC...?

16 MR. NATHEN RICHEA: Thank you, Mr.
17 Chair. It's Nathen Richea again with Water Resources.
18 Just my last question:

19 What type of monitoring and at what
20 frequency is being proposed for the wetlands? I noted
21 in your talk the other day there was some discussion of
22 performance monitoring, and then some talks of 'C'
23 (phonetic) testing as well. So I was just wondering if
24 you could sort of explain what type of monitoring and
25 what frequencies you expect, and I guess maybe how long

1 you expect the monitoring to occur. Thanks.

2 THE CHAIRPERSON: Thank you. Fortune
3 Minerals...?

4 DR. RICK SCHRYER: Rick Schryer,
5 Fortune Minerals. We've given some thought to what a
6 monitoring program would look like. Obviously, this
7 would need to be worked out with various agencies and -
8 - and various other interest groups, such as the
9 Tlicho, but my thoughts on it are that, you know, any
10 system like this would need to be monitored in -- in
11 order to demonstrate its performance.

12 I would think, initially, yearly you
13 would have to go in, measure, do -- do water quality
14 tests, and prove it that -- that the wetland is
15 performing. Depending on the results of those tests,
16 you know, you would either increase or decrease your
17 frequency, based on what you're seeing.

18 I think, you know, initially, you know,
19 three (3) or four (4) years of -- of yearly monitoring.
20 If it's performing up to -- to standards and it's doing
21 its job, I would think maybe you could back off and go
22 every two (2) years, and then, as people feel more
23 comfortable, even longer than that.

24 I'm fully confident that they'll work.
25 Let's assume that they're not for -- for a second.

1 Then you would increase the number of -- of sampling
2 events, and if it continued about -- and if -- if you
3 continued to see a problem, then you would actually
4 start to look at potential adjustments to the wetland
5 system itself.

6 But that would be my thoughts in terms
7 of the initial monitoring program that you would have
8 to put in place.

9 THE CHAIRPERSON: Okay. Thank you.
10 That concludes your questions? I want to thank AANDC
11 for your questions, and I want to continue on.

12 I'm going to move up to the Government
13 of the Northwest Territories. Is there any questions
14 for Fortune Minerals on their presentation?

15 MR. SHAFIC KHOURI: No questions. This
16 is Shafic with ENR GNWT. Thank you.

17 THE CHAIRPERSON: Thank you. Fisheries
18 and Oceans Canada...?

19 MS. SARAH OLIVIER: Sarah Olivier,
20 Fisheries and Oceans. No questions.

21 THE CHAIRPERSON: North Slave Metis
22 Alliance...?

23

24 (BRIEF PAUSE)

25

1 THE CHAIRPERSON: And we'll go the
2 Yellowknives Dene First Nation.

3 MR. TODD SLACK: Todd Slack, YKDFN.
4 Thanks, Mr. Chair. I have one (1) question, and it's,
5 unfortunately, a two (2) part question. Is the Company
6 aware that the best practice that's sort of emerging
7 here in the Territory with the other mines is a three
8 (3) year review of the closure plan? Question --
9 that's part (a).

10 And part (b) is: Are they willing to
11 commit to that three (3) year review instead of the
12 five (5) year review that they proposed? Thank you.

13 THE CHAIRPERSON: Thank you for your
14 final question. I'm going to go to Fortune Minerals.

15

16 (BRIEF PAUSE)

17

18 DR. RICK SCHRYER: Rick Schryer,
19 Fortune Minerals. Todd's pointed out there is a
20 discrepancy in what we've said in terms of our review
21 for the closure plan. One of our IRs actually said
22 three (3) years, and in the closure memo that we sent
23 on August 20th, it says five (5). I apologize for that
24 mistake. It actually is three (3) years.

25 THE CHAIRPERSON: Thank you. There'll

1 be no more mistakes, eh? Okay. Thank you. I'm going
2 to go to the Tlicho government.

3

4 (BRIEF PAUSE)

5

6 GRAND CHIEF EDWARD ERASMUS: Masi. My
7 -- Mr. Chair, masi cho. My question is to the -- my --
8 my name is Eddie Erasmus, Grand Chief, Tlicho
9 government. My question is to the wetlands.

10 I still find it difficult to understand
11 it. The wetlands -- what if it doesn't work? Is there
12 a plan B if your -- if the plan B, building in the
13 second wetlands, if it doesn't work?

14 THE CHAIRPERSON: Thank you, Mr.
15 Erasmus, for your question. We'll go to Fortune
16 Minerals.

17

18 (BRIEF PAUSE)

19

20 DR. RICK SCHRYER: Rick Schryer,
21 Fortune Minerals. We believe the chances of it not
22 working at all are virtually impossible, simply because
23 we'll have done our indoor and outdoor pilot scale
24 before we even get to site. We'll know -- we'll have a
25 workable model before we even start to build the

1 demonstration model at site.

2 In addition, we're going to be building
3 extra capacity into this wetland to deal with
4 contingencies such as a high-flow event or -- and
5 there'll be contingencies built in there for freshette
6 and for freezing, so that the wetland can accommodate
7 this.

8 So, in short, the chances of, you know,
9 it not working are -- are, well, like I said, virtually
10 impossible, simply because we'll have proven the
11 technology before we even get to site with our indoor
12 and outdoor models. And, based on our past experience,
13 we know these things work, so we're very confident that
14 a plan B isn't required in this -- in this situation.

15 I'd just like to add that you need to
16 remember the results of the risk assessment that showed
17 when we did it without the wetlands in place, that
18 there was still no change in risk to the environment
19 without wetland treatment. The wetlands are there to
20 add a measure of safety to the environment as a buffer,
21 to add extra confidence to people that there will be no
22 impacts, but we already know that there won't be based
23 on our rigorous modelling. Thank you.

24 THE CHAIRPERSON: Before we go back to
25 the Tlicho government, so you have already -- the

1 discussion that we're having, taking place and based on
2 your presentation, is your plan A, but -- so what
3 you're saying is that there's no need to have a plan B,
4 because you -- you guys believe that this is going to
5 work in a worst-case scenario.

6 If there's any failures, what's your
7 backup?

8 DR. RICK SCHRYER: Rick Schryer,
9 Fortune Minerals. Well, it's important to remember
10 that, as I just mentioned, there is no risk to the
11 environment without the wetlands, okay? So there --
12 you know, in terms of protecting -- protection of the
13 environment, the wetlands are not there to -- to drop
14 metal levels down to where it would be a safe levels,
15 they're -- they're already going to be at safe levels.

16 We want to ensure that these levels can
17 be even lower than the levels that we've predicted,
18 which is why we want to put the wetlands in place.

19 So is there a risk to -- in the
20 environment if the wetlands fail? No. That's the
21 answer.

22 THE CHAIRPERSON: Okay. Thank you.
23 I'm going to go over to the Tlicho government.

24 DR. GINGER GIBSON: Masi, Mr. Chair.
25 Thank you for your presentation this morning. The

1 Tlicho government recognizes the efforts that Fortune
2 Minerals has made in setting up a plan to undertake the
3 necessary studies and pilot tests to design an
4 appropriate wetland.

5 However, given that at least four (4)
6 levels of pilot tests are required to design a wetland
7 tailored to the specific site conditions, don't you
8 agree that there are still many uncertainties with
9 respect to the design and functioning of the wetland
10 required for Nico in this northern climate? Ginger
11 Gibson for Tlicho government. Masi.

12 THE CHAIRPERSON: Thank you. I'll go
13 to Fortune Minerals.

14 DR. RICK SCHRYER: I'm sorry, Mr.
15 Chairman. I didn't -- was there a question in there?
16 What was -- what was the question?

17 THE CHAIRPERSON: Okay. Can you repeat
18 it.

19 DR. GINGER GIBSON: Ginger Gibson,
20 Tlicho government.

21 Don't you agree that there are still
22 many uncertainties, given that you need to prove,
23 through at least four (4) levels of pilot tests, that
24 there are many uncertainties with respect to design and
25 functioning of the wetland required for Nico?

1 THE CHAIRPERSON: Okay. Thank you.
2 Fortune Minerals...?

3 DR. RICK SCHRYER: Rick Schryer,
4 Fortune Minerals.

5 No, we do not agree that there are
6 uncertainties. There are site-specific considerations
7 to be taken into place to optimize the design of the
8 wetlands. They are not uncertainties; they are the
9 strength of the design.

10 The strength of this design is that we
11 take the water and the flows and the conditions onsite,
12 and we tailor-make the wetland in order to meet those
13 requirements. So the four (4) stage plan is put in
14 place to make sure that this wetland meets the
15 requirements that it has to in order to achieve the
16 performance that we're looking for.

17 As I mentioned, Mr. Chairman, that is a
18 strength, not a weakness.

19 THE CHAIRPERSON: Thank you. Tlicho
20 government...?

21 DR. GINGER GIBSON: Thank you. Ginger
22 Gibson for the Tlicho government.

23 We are going to be making a presentation
24 later this morning, and -- and -- about the question.
25 I mean, it's clearly Fortune Minerals strongly believes

1 that this plan will work, but we do not -- we do not
2 equate belief with fact.

3 The -- we would like to ask -- our
4 second question is: Due to the long winters, reducing
5 conditions in the wetlands will be present for longer
6 periods of time. It is the reducing conditions which
7 will result in the release of arsenic from the metal
8 oxides to the water column.

9 How long -- how are the effects of the
10 longer winters on the chemical processes going to be
11 mitigated?

12 THE CHAIRPERSON: Okay. Thank you.
13 Fortune Minerals...?

14 DR. MONIQUE HAAKENSEN: Monique
15 Haakensen, Contango Strategies. It's actually part of
16 our design plan to use sulphates to remove the arsenic,
17 and in order to accomplish this, we require reducing
18 conditions. So we anticipate that the long winters may
19 actually improve our design through the reducing
20 conditions that are maintained through that period.
21 This, of course, will be confirmed through our pilot
22 and demonstration scales. Thank you.

23 THE CHAIRPERSON: Thank you. I'm going
24 to go to the Tlicho government.

25 DR. GINGER GIBSON: Thank you. Ginger

1 Gibson for Tlicho government.

2 I -- I should have mentioned earlier
3 that our -- our expertise that we've brought to assist
4 us in this question is SENES Consultants, and the
5 individual who is working with us is in the -- is in
6 surgery today. We do have backup listening and
7 assisting us with some questions, but we may need to be
8 going further on this when our -- when our expert is
9 back with -- work -- working with us.

10 We did receive a document from the --
11 the Company last night about -- a question that -- that
12 we have, which is, we -- we really do want to see case
13 studies on the operational -- sort of the functionality
14 and the -- and the -- the use of these constructed
15 wetlands.

16 And -- and we really differentiate
17 between constructed wetlands and passive wetlands -- or
18 natural wetlands. So we would like to see case studies
19 that look at constructed wetlands in northern
20 environments at similar flows in similar Arctic
21 conditions, sub-Arctic conditions. And -- and so we're
22 asking the Developer -- I -- I haven't -- I mean, given
23 that I got that document at 11:00 p.m. last night, I
24 haven't had a chance to read it all and digest it and
25 decide whether that is sort of meeting our needs with

1 respect to an undertaking we were going to request,
2 which is those case studies.

3 So I'd ask the Developer to address
4 whether that document does indeed address that, or
5 whether we could ask for an undertaking, which is a --
6 a summary of cases in northern environments in similar
7 conditions with constructed wetlands rather than --
8 than natural wetlands, at -- at similar flows and in
9 similar conditions. Masi.

10 THE CHAIRPERSON: Thank you, Ms.
11 Gibson, for your question. I'll go to Fortune Minerals
12 on the question.

13 DR. RICK SCHRYER: Rick Schryer,
14 Fortune Minerals. I believe Board member James Wah-she
15 made that request, and that was the reason that we sent
16 in the information, the submission that we made to the
17 Board.

18 I would suggest that the Board have a
19 look at that information and decide whether or not it's
20 sufficient to answer that question, and if it isn't,
21 then you can get back to Fortune Minerals with an
22 additional request.

23 THE CHAIRPERSON: Mr. Donihee...?

24 MR. JOHN DONIHEE: Thank -- thank you,
25 Mr. Chair. It's John Donihee. Mr. Schryer, I -- I

1 really don't think it's in the Board's role to review
2 the material and advise the -- the parties on it. It -
3 - it really would be more helpful if you responded or
4 worked directly with Tlicho government on this issue.

5 THE CHAIRPERSON: Thank you, Mr.
6 Donihee. And that's -- that's not our role to do that,
7 so that's a very good point. I'll go back to Fortune
8 Minerals.

9 DR. RICK SCHRYER: Rick Schryer,
10 Fortune Minerals.

11 We believe that the examples -- the
12 reason I said that is we believe that the examples that
13 Dr. Gibson is looking for are provided in that
14 document. And so I think, you know, best thing for her
15 -- for right now is for her to have a full look at it
16 with her consultants and get back to us if she feels
17 that there's additional information required.

18 THE CHAIRPERSON: Okay. Thank you.
19 I'm going to ask Tlicho government that maybe we could
20 just table this questions, and then look at it this
21 morning.

22 DR. GINGER GIBSON: Thanks. We believe
23 that's fair. Ginger Gibson, Tlicho government. We
24 think that's a fair -- a fair answer, yeah, and we'll -
25 - we'll go ahead with that. Masi.

1 THE CHAIRPERSON: Is there any further
2 questions?

3 CHIEF CLIFFORD DANIELS: Yes. Chief
4 Clifford Daniels, Tlicho government. Question
5 regarding -- actually, it's a request, too.

6 Regarding the wetlands, I think us being
7 downstream of the project that we would request to have
8 independent monitors on -- on the wetlands and have
9 annual reporting to us to re-insure the public and TG
10 that it is operating and functioning as presented.
11 Masi.

12 THE CHAIRPERSON: Okay. Before we go
13 on to Fortune Minerals, it's a question that's a
14 request, but are you willing to answer that? But then,
15 if you are going to answer it, is there a commitment
16 from Fortune Minerals to -- to deal with this issue?

17 DR. RICK SCHRYER: Rick Schryer,
18 Fortune Minerals. As I stated in my presentation,
19 Fortune Minerals has made the offer to work with the
20 Tlicho government on the development of the closure
21 plan. I think the frequency of the monitoring and the
22 reporting requirements we could work out in -- during
23 the -- the course of those deliberations.

24 You should also remember that I made the
25 offer to Chief Clifford Daniels in our technical

1 meetings in February that Fortune Minerals would pay
2 for the monitoring of water quality upstream of the
3 water intake here in Behchoko so that the people in
4 Behchoko could be assured that their water quality has
5 been -- remained unchanged.

6 I think that's an important part to
7 actually add to the monitoring for this project in
8 order to give people trust in this community that their
9 water quality is still safe.

10 And then I think, in addition to that,
11 with the negotiations on the closure plan and the
12 involvement of the Tlicho people will be addressed --
13 we'll be able to address their reporting requirements.
14 Thank you.

15 THE CHAIRPERSON: Okay. So in regards
16 to Chief Daniels' question, then, those issues -- well,
17 that request can be addressed and -- and done in --
18 through a closure plan. So that's my understanding.

19 Correct?

20 DR. RICK SCHRYER: Rick Schryer,
21 Fortune Minerals. That's correct.

22 As I've -- as I've stated earlier, it's
23 our -- it is fully our intention to include the Tlicho
24 people in our closure planning. That's just one (1)
25 aspect of it. There's a number of other aspects of

1 closure planning that they'll need to be involved with,
2 so, I can see them being involved in -- in -- at a
3 variety of levels, and reporting on the wetland
4 efficiency would be just one (1) of those -- those
5 tasks.

6 So if you -- if you say a commitment in
7 terms of, yes, we will be reporting on the performance
8 of the wetland treatment system to the Tlicho people, I
9 think that's a reasonable request.

10 THE CHAIRPERSON: Okay. Thank you.
11 I'll go back to the Tlicho government.

12 DR. GINGER GIBSON: Ginger Gibson,
13 Tlicho government. Will the Developer be -- will you
14 develop a waste rock sampling program? Masi.

15 THE CHAIRPERSON: Thank you. Going
16 back to Fortune Minerals.

17

18 (BRIEF PAUSE)

19

20 MR. KEN DE VOS: Ken De Vos with Golder
21 Associates. In discussions with Fortune Minerals, they
22 have committed to waste rock monitoring and sampling
23 programs.

24 THE CHAIRPERSON: Okay. Thank you.
25 I'm going to the Tlicho government. Any further

1 questions?

2

3 (BRIEF PAUSE)

4

5 DR. GINGER GIBSON: Thank you, Mr.

6 Chair. We have no more questions at this point.

7 THE CHAIRPERSON: Masi for -- to the

8 Tlicho government for posing your questions.

9 Next I have the Review Board staff. I'm
10 going to go to Mr. Donihee.

11 MR. BRETT WHEELER: Thank you, Mr.

12 Chair. Brett Wheeler for the Board. I just have a few

13 questions for the Developer. The first one is about

14 the co-disposal facility, and it's related to a

15 statement made by the Tlicho government in their

16 technical report.

17 They contend that the use of an
18 impermeable cover on the CDF would reduce infiltration,
19 essentially eliminate seepage coming out of the CDF.

20 So can you comment, please, on the use
21 of, and the need for -- the possible need for an
22 impermeable cover, and the feasibility of -- of such a
23 cover? Thank you.

24 THE CHAIRPERSON: Thank you, Mr.

25 Wheeler. I'm going to go to Fortune Minerals.

1 MR. KEN DE VOS: Ken De Vos with Golder
2 Associates. There are a couple of things to consider
3 when thinking about an impermeable cover. The first is
4 that nothing is really impermeable, so even a synthetic
5 cover does have a certain amount of leakage and seepage
6 associated with it, so there will be some seepage out
7 of the pile under -- under that circumstance.

8 The other thing to consider is that --
9 that construct -- constructed covers, especially
10 synthetic covers, are not a walk-away type of solution.
11 They require periodic maintenance, and they do require
12 replacement approximately every hundred (100) years.

13 You know, our geotechnical engineer, Ken
14 Bocking, has provided a little bit of information on
15 different types of -- of scenarios with respect to
16 that, I believe, and he would -- he would also be able
17 to answer in more detail, if you have further questions
18 on that. But there are a number of drawbacks to
19 impermeable covers that we feel a constructed wetland
20 downstream addresses without the need for that ongoing
21 replacement and -- and maintenance of a cover.

22 THE CHAIRPERSON: Thank you. Review
23 Board staff.

24 MR. BRETT WHEELER: Thank you, Mr.
25 Chair. Brett Wheler for the Board. A quick followup:

1 Can you comment briefly on the need for maintenance of
2 a natural cover, if any?

3 THE CHAIRPERSON: Okay. Thank you. If
4 we go to Fortune Minerals.

5

6 (BRIEF PAUSE)

7

8 MR. KEN DE VOS: Ken De Vos with Golder
9 Associates. Typically, you would do kind of a -- a
10 periodic inspection with adjustments for erosion, just
11 so -- so the maintenance requirements for it. And it
12 also depends on the complexity of the cover and the
13 type of cover that you have in terms of what kind of
14 repair frequency or -- or what -- what -- how much is
15 involved in -- in those types of repairs.

16 So, you know, I believe the design of
17 the CDF now, with the -- the layered system and
18 blending of -- of the fine-grain materials or the
19 layering of the fine-grain materials, actually really
20 helps to reduce the seepage rate through the materials.

21 It also helps to reduce the oxygen
22 diffusion and -- and puts the -- the entire CDF into a
23 very stable physical state, which -- which our engineer
24 can address better than I can, and also a stable
25 geochemical state as well with respect to the

1 consistency of the seepage that we would expect coming
2 out of this -- this facility.

3 THE CHAIRPERSON: Okay. Thank you.
4 I'll go back to the Review Board staff.

5 MR. BRETT WHEELER: Thank you, Mr.
6 Chair. Brett Wheeler for the Board. Thanks for that
7 answer.

8 A couple of -- I'm going to move into
9 some questions on the pit and the wetlands. First one
10 is just a clarification which I think Mr. Schryer has -
11 - has made already. I would just like to -- to clarify
12 again that, in the August 20th memo, there are a couple
13 of statements that seem like they may conflict with
14 respect to Fortune's commitment to actively fill the
15 pit.

16 You mentioned in your presentation that
17 Fortune has committed to actively fill the pit, but --
18 but in response to -- in your letter on August 20th, in
19 Response Number 1, you say:

20 "Fortune has committed to actively
21 filling the pit in the event it is
22 required."

23 If you could just clarify that, please,
24 as -- and particularly since we've heard that it won't
25 be possible to know whether -- know the water quality

1 of the pit until the pit is actually full. Thank you.

2 THE CHAIRPERSON: Thank you.

3 DR. RICK SCHRYER: Rick Schryer,
4 Fortune Minerals. That's an unfortunate consequence of
5 cutting and pasting, and it's a typo. Thank you.

6 THE CHAIRPERSON: Okay, thank you.
7 Review Board staff...?

8 MR. BRETT WHEELER: Thank you, Mr.
9 Chair. Brett Wheeler for the Board. Thanks, Rick.

10 With regard to the wetlands and in
11 follow-up to AANDC's questions about longevity, I'd
12 like to ask: What is the likelihood that the wetlands
13 will require any maintenance after construction? And
14 if so, what sort of maintenance and -- and at what
15 frequency?

16 THE CHAIRPERSON: Thank you. I'll go
17 to Fortune Minerals.

18

19 (BRIEF PAUSE)

20

21 DR. MONIQUE HAAKENSEN: The -- oh,
22 sorry. Monique Haakensen, Contango Strategies. The
23 design of these constructed wetlands are such that they
24 require no active management and only periodic
25 monitoring.

1 As far as potential upkeep that might
2 need to be make (sic), we expect this to be very
3 minimal. However, periodically there might need to be
4 some maintenances of a very minimal and very rare
5 occurrence just to maintain the integrity of the
6 wetland.

7 The wetlands are also designed to -- to
8 be able to accommodate any maintenance that needs to be
9 done in a very simple manner, requiring very low
10 technical knowledge or ability to do that maintenance.
11 These are -- are self-sustaining, so any maintenance
12 that you might think of is -- generally happens by the
13 ecosystem that gets established.

14 THE CHAIRPERSON: Okay, thank you.
15 I'll go to the Review Board staff.

16 MR. BRETT WHEELER: Thank you, Mr.
17 Chair. Brett Wheler for the Board. Just in follow up
18 to that, does that include potential issues related to
19 freeze/thaw and possible erosion or -- or other --
20 maybe slumping associated with the -- the seasonal
21 storage?

22 We've talked about seasonal storage that
23 may be required upstream to -- you know, since the
24 wetland will shut down during the winter, and in order
25 to extend the -- the wetland function throughout --

1 throughout the whole summer and contain that water.

2 And -- and I'd just like to confirm that
3 -- that there is a walkaway solution or point in time
4 that -- that could be expected to be associated with
5 the wetland function. Thank you.

6 THE CHAIRPERSON: Thank you. I'll go
7 to Fortune Minerals.

8

9 (BRIEF PAUSE)

10

11 DR. RICK SCHRYER: Rick Schryer,
12 Fortune Minerals. Keep in mind that we're going to be
13 building our full-scale wetland during operations and
14 it will be running for several years.

15 One of the purposes of that is to fine
16 tune aspects of the design such as you've just
17 mentioned so that, you know, when we get to a final
18 closure condition, you know, we've got everything
19 worked out, in terms of the potential flow, you know,
20 in terms of dealing with maybe extreme events or so
21 forth that the -- you know, maybe an equal --
22 equalization pond upstream to the -- of the wetland,
23 you know, having it functioning.

24 Those type of things, in terms of the
25 engineering of it, will be worked out when we get the

1 design specifications from the demonscral --
2 demonstration-scale models. But we're fully confident
3 that we'll have addressed all of those issues well
4 before we reach closure so that we can have a final
5 design.

6 We need to remember that there's a lot
7 of redundancy in this wetland. There's a lot of
8 multiple cells that act to -- as a back-up to each
9 other so that it's not just -- not just one cell and
10 one little part of it. There's re -- there's
11 redundancy in all the cells so that managing the water
12 is actually quite easy once you -- you put all of those
13 cells in place. Thank you.

14 THE CHAIRPERSON: Thank you. I'm
15 going to the Review Board staff.

16 MR. BRETT WHELER: Thank you, Mr.
17 Chair. Brett Wheler, for the Board. Just to reiterate
18 the -- the question that I tagged on the end there
19 about -- about a walkaway -- about there being a
20 walkaway solution at -- at some point.

21 THE CHAIRPERSON: Fortune Minerals...?

22

23 (BRIEF PAUSE)

24

25 DR. RICK SCHRYER: Rick Schryer,

1 Fortune Minerals. Yes, I'm confident that we can give
2 some in -- give a statement concerning a walkaway
3 solution. Of course, you know, I would hes -- I
4 wouldn't give that statement until we can -- we've
5 provided the data on both the indoor and outdoor pilot
6 plant studies and the demonstration scale model to
7 back-up that statement, but confident that we'll be --
8 at some stage we'll be able to put that in place.
9 Thank you.

10 THE CHAIRPERSON: We'll go to the
11 Review Board staff.

12 MR. BRETT WHEELER: Thank you, Mr.
13 Chair. Just one (1) -- one (1) more short question.
14 This is related to water quality predictions. And I
15 just wondered if -- if you could respond to the
16 Tlicho's assertion on page 6 of the Tlicho technical
17 report that this would be, quote:

18 "The first base metal mine that did
19 not produce thiosalts by alkaline
20 oxidation in the process plant."

21 And recognizing that the Nico site will
22 have a concentrated rather than a -- a full scale
23 process plant, how will this affect operations or
24 predictions of -- of seepage quality or water quality
25 in the -- in the lakes downstream? Thank you.

1 THE CHAIRPERSON: Thank you. Fortune
2 Minerals...?

3 MR. KEN DE VOS: Ken De Vos, with
4 Golder Associates. I -- I think it's important for
5 people to understand first what thiosalts are, because
6 I don't think that's -- that's a word that -- and --
7 and it's actually very simple. Thiosalts are -- are
8 simply sulphur and oxygen compounds, so sulphur and --
9 both of which are essential elements that -- that
10 biologically we use, as well as other animals.

11 So what's -- what's the problem with
12 thiosalts then? Thiosalts are produced during grinding
13 and crushing in various operations. Some time -- in
14 some mines they're produced, in other mines they're not
15 produced and it's a function of -- of the process.
16 Usually in the concentrating phase there's not a lot of
17 thiosalts produced. This mine may produce small
18 amounts of thiosalts, it's a possibility.

19 But I think what's important to realize
20 is that -- that it's a function of the crushing and
21 grinding, so it's an operational issue. So if
22 thiosalts are produced they're going to be produced
23 during the operations. They're very short lived.

24 The other thing that -- that is
25 important to know about thiosalts is that they're

1 actually just intermediary chemical steps betwe --
2 during an oxidation of a -- a sulphide mineral like
3 pyrite. So when pyrite oxidizes it takes a number of
4 steps to oxidize, and those thiosalts are -- are the
5 intermediary -- are -- are products of the intermediary
6 steps. They don't last long. So it's -- it's --
7 you'll have different sulphur oxygen compounds as it
8 goes from a sulphide mineral into a sulphate, which is
9 soluble in water.

10 And what happens when -- when those
11 thiosalts would hit a wetland is, instead of oxidizing
12 they -- they may oxidize fully to a sulphate or they
13 may reduce fully into a -- back into a sulphide
14 mineral, which get -- would get retained in the soils
15 of the wetland.

16 So we don't expect that thiosalts, even
17 if they are produced in the -- in the -- and that's
18 something that would be monitored for, we don't expect
19 that they would persist in the environment. Even if
20 they did persist in the environment they would simply
21 revert to a sulphate form in the environment.

22 Now the -- the trouble is that during
23 that process some acidity may be released, so a very
24 simple solution to that would be to add some alkalinity
25 during the process. So you add a little bit of

1 neutralizing agent during the process to counteract the
2 -- the acidity that might be produced with the thiosalt
3 oxidation.

4 I hope that answers -- answers your
5 question.

6 THE CHAIRPERSON: Okay. Thank you.
7 We'll move back to the Review Board staff.

8 MR. BRETT WHEELER: Thank you, Mr.
9 Chair. Brett Wheeler, for the Board. No further
10 questions from Board staff.

11 THE CHAIRPERSON: Okay, thank you.
12 Before I go to my Board Members, I think I want to go
13 back to Rick Schryder -- Schryer.

14 You have -- you had mentioned that you
15 were talking about making a statement, I guess I have a
16 question in regards to that. And I -- I guess, whether
17 we -- could get that statement to us soon, or do we
18 take it as an undertaking?

19 DR. RICK SCHRYER: Rich Schryer,
20 Fortune Minerals. We -- Fortune Minerals is confident
21 that this will be a walkaway solution, as we have
22 indicated in our presentation and our submissions to
23 the Board. Is that -- is that sufficient for your
24 needs?

25 THE CHAIRPERSON: Well, yes, I would

1 say. But the thing is, I just want to make sure we
2 have it on record so that it's there.

3 DR. RICK SCHRYER: Yeah.

4 THE CHAIRPERSON: Very good. Thank
5 you. Okay. I'm going to go to my far right, Mr. John
6 Curran. Is there any questions for Fortune Minerals on
7 their presentation?

8 MR. JOHN CURRAN: Thank you, Mr.
9 Chairman. Just one (1) quick one here. Obviously your
10 closure plans rely heavily on plants, microbes, and
11 other elements of the natural world and natural
12 processes. Bearing in mind that things are still very
13 conceptual at this stage, is this a period where you
14 would envision a heightened involvement of the
15 community Elder monitoring committee that you
16 referenced yesterday? Thank you.

17 THE CHAIRPERSON: Thank you, Mr.
18 Curran. I'm going to go to Fortune Minerals.

19 DR. RICK SCHRYER: Rick Schryer,
20 Fortune Minerals. We envisioned, you know, the Elders
21 Advisory Committee to be involved in a variety of
22 aspects of mine planning and development. The two (2)
23 that come to mind right away is the Wildlife Effects
24 Monitoring Plan that we discussed yesterday and the
25 closure plan that we've discussed today. I could see -

1 - and certainly the Aquatic Effects Monitoring Plan for
2 operations, I think are three (3) off the top of my
3 head that I could think of that the Elders Advisory
4 Committee would be involved with. Part of the closure
5 planning, of course, is the wetland treatment system,
6 so I would definitely see their involvement in that.

7 THE CHAIRPERSON: Okay. Thank you.
8 Board Member, John Curran?

9 MR. JOHN CURRAN: Thank you. Nothing
10 further, Mr. Chair.

11 THE CHAIRPERSON: Thank you. Mr.
12 James Wah-shee, Board Member?

13 MR. JAMES WAH-SHEE: Thank you, Mr.
14 Chairman. I have a question the -- in regards to the
15 wetlands, the -- the long-term maintenance. You made
16 reference to periodic -- little maintenance, you
17 indicated. So my question here is: What would this
18 maintenance consist of? Could you expand on that,
19 please.

20 THE CHAIRPERSON: Thank you, Mr. Wah-
21 shee. I'm going to go to Fortune Minerals.

22

23 (BRIEF PAUSE)

24

25 DR. MONIQUE HAAKENSEN: Monique

1 Haakensen, Contango Strategies. Other wetlands that we
2 have built for other situations to clean different
3 types of water, we have designed these other
4 constructive wetlands in a low maintenance or no
5 maintenance fashion, but also in a manner that requires
6 maintenance.

7 So we have ideas of the types of
8 maintenance we do on these other wetlands, such as
9 insuring flows are maintained and so forth. However,
10 for this specific site and the designs that we're
11 putting together for this site that are very much
12 keeping in mind that this does need to eventually
13 become a walkaway solution we will be able to answer
14 more fully -- exactly whether there will be required
15 any maintenance, and if so, specifically what those
16 maintenance would be after we're done the demonstration
17 scale.

18 The design -- I'd just like to reiterate
19 that the design of the constructed wetland we're doing
20 for the NICO site is designed for no maintenance. And
21 during the pilot and demonstration scales we will be
22 further optimizing our design and engineering of the
23 wetland to ensure that there is no maintenance
24 required.

25 THE CHAIRPERSON: Thank you. I'm

1 going to go to Board Member, Mr. James Wah-shee.

2 MR. JAMES WAH-SHEE: Thank you, Mr.
3 Chair. A follow-up to that question. I gather that
4 you're making reference to maintenance of other
5 wetlands. But I guess my interest here is that other
6 wetlands, in regards to maintenance, whether it's
7 short-term or long-term.

8 Could you give me an example, in regards
9 to maintenance of wetlands, in reference to perhaps
10 other mines? Because when you make reference to
11 wetlands there is a whole variety. You're dealing with
12 waste materials. You made reference to the military
13 waste in Anchorage, Alaska; that's military clean-up.

14 But my interests in regards to how this
15 wetland would operate and function, and also in regards
16 to its maintenance, my interest is -- I would like to -
17 - you to state what other mines has used the wetlands
18 and how long the maintenance was, specifically in the
19 examples regarding the use of wetlands in regards to
20 the other mines' locations in cold weather. Thank you.

21 THE CHAIRPERSON: Fortune Mineral...?

22

23 (BRIEF PAUSE)

24

25 DR. MONIQUE HAAKENSEN: Monique

1 Haakensen, Contango Strategies. We are designing this
2 wetland to become maintenance free. However, in other
3 wetlands that do require maintenance the types of
4 maintenance that can be required, for example, include
5 introducing additional buffering capacity to maintain a
6 specific pH. That is not something that has to be done
7 regularly. This is something that could be added and
8 then maintained for a long period of time again. Also,
9 adjusting the water depth to further optimize later
10 down in time, and also maintaining water flows from one
11 (1) cell to another are different types of maintenance
12 that are sometimes done on these wetlands, that is in a
13 wetland that is designed to require maintenance.

14 Examples of mines in the North that I
15 have given previously include mines such as the Keno
16 Mine in the Yukon. However, I would like to explain
17 that it is not the industry that is generating the
18 water that is of importance to the constructed wetland,
19 it matters what the water is like. So it doesn't
20 matter if it is a mine or a coal power plant, or an oil
21 and gas process, or a landfill that is producing the
22 water. It matters what the chemistry of the water is
23 and what the contaminant is.

24 And so these are the things that are
25 taken into consideration when we design the wetland; is

1 the volume of water, the type of contaminant, the other
2 parameters of the water such as pH and the nutritional
3 properties, and not -- wetlands are not specifically
4 dined -- designed to a single industry.

5

6 (BRIEF PAUSE)

7

8 DR. MONIQUE HAAKENSEN: And for an
9 example of a constructed wetland that is currently
10 working for a mine in the northern climate, I presented
11 the example of the Keno Mine in the Yukon. I hope that
12 answers the question.

13 THE CHAIRPERSON: Thank you. Mr. Wah-
14 shee...?

15 MR. JAMES WAH-SHEE: Well, you made me
16 a little more curious, with your question.

17 Anyway, a follow-up to that: You stated
18 that the -- the wetlands that are created for a variety
19 of uses, it really doesn't matter what the intent or
20 the design for these wetlands. Is that what you're
21 indicating to me?

22 In other words, so it doesn't matter
23 whether it's a military clean-up, mining, hydro dams,
24 et cetera, is that what you're indicating to me?

25 THE CHAIRPERSON: Fortune Minerals...?

1 DR. RICK SCHRYER: Rick Schryer,
2 Fortune Minerals. What Dr. Haakensen meant was -- and
3 as I stated earlier, the design of the wetland depends
4 on the water chemistry that you want to treat.

5 So what she is saying is that they have
6 designed wetlands for a huge list of different water
7 quality problems that they've encountered. This one
8 would be tailor made to, you know, arsenic, or
9 aluminum, or cobalt, or whatever we have in our water.
10 The cells would be set up in order to specifically
11 treat the levels of metals that we anticipate to see in
12 that water.

13 And the strength of what she's talking
14 about is that they've done this for nuclear power
15 plants and coal power plants where, you know, maybe the
16 issue was selenium and maybe the issue was uranium or,
17 you know, and something like that -- a variety of
18 metals and they've been able to deal with every --
19 every problem that they've been in -- they've been
20 presented with, in terms of treatment. They've been
21 able to specifically design a wetland that treated that
22 water.

23 And that's where our confidence comes
24 from in terms of developing this wetland; is that we
25 know that the systems that they've developed in Africa

1 and Anchorage and the Yukon and in southern United
2 States have all done their job in a variety of
3 different conditions with a variety of different
4 metals. This is no different. This is just one more
5 (1) -- one (1) more tailor made wetland.

6 And it doesn't matter what the activity
7 is that gives rise to the chemical. As she mentioned
8 it's -- it depends on what is the water chemistry,
9 what's the problem.

10 THE CHAIRPERSON: Okay, thank you.
11 James Wah-shee...?

12 MR. JAMES WAH-SHEE: Thank you, Mr.
13 Chairman. I suppose my question really has to do with
14 a clarification, so that I can have a better
15 understanding of the role and function of wetlands in a
16 variety of situations. And in I -- as I understand it
17 the function of wetlands is to cleanse the -- the
18 chemicals and so -- so that's the reason for my
19 question.

20 I'm not really questioning whether the
21 wetland concept is doable or not. My question is
22 basically so that I can understand how wetlands are
23 designed, what is planned for, and what is the duration
24 of the maintenance. And -- and in regards to the
25 maintenance, I wanted to understand what type of

1 maintenance would be required. So I think, Mr.

2 Schryer, you shed light on that, so I thank you.

3 THE CHAIRPERSON: Thank you. Mr.

4 Richard Mercredi...?

5 MR. RICHARD MERCREDI: Yeah, I have a

6 quick question. I guess I -- I find this very

7 interesting, the wetlands, and it's a unique situation,

8 and it's being used elsewhere and many other places

9 around the world -- I guess, mining and stuff. But I'm

10 just wondering -- the question I have is: Do you -- is

11 there any wetlands out there are operating under a

12 post-closure type situation?

13 THE CHAIRPERSON: Thank you. Fortune

14 Minerals...?

15

16 (BRIEF PAUSE)

17

18 DR. MONIQUE HAAKENSEN: Monique

19 Haakensen, Contango Strategies. The constructed

20 wetland that our team members have built at the

21 Savannah River site in the United States, that is a

22 Super Fund site that was taken on and had long-term

23 runoff and -- of different -- multiple different

24 elements and constituents or concern. And that is

25 operating with a -- currently a maintenance schedule of

1 only one (1) -- or sorry, a monitoring schedule of once
2 per year and that is operating after the closure of the
3 facilities there. Thank you.

4 Oh, and the Savannah River site is a
5 former nuclear facility in the United States. Thank
6 you.

7 THE CHAIRPERSON: Okay. Thank you.
8 Richard Mercredi...?

9 MR. RICHARD MERCREDI: Yeah, just one
10 (1) more -- just a clarification, I guess. When you're
11 talking about the wetlands you had mentioned that the
12 wetlands create microbes -- I'm not sure if that's
13 right -- and which remove -- like say, arsenic. In my
14 mind I was thinking that the -- the wetlands -- what
15 the wetlands purpose was to actually -- like, when you
16 have water with contaminants in it, it's -- like,
17 suspended in the water, and as it's moving through it's
18 attached to the water, right? And I was thinking that
19 the wetlands would slow the water down slow enough so
20 that the contaminants fall out as opposed to microbes
21 eating it, or whatever.

22 I just need a little clarification on
23 that.

24 THE CHAIRPERSON: Okay. Thank you.
25 I'll go back to Fortune Minerals.

1 DR. MONIQUE HAAKENSEN: Monique
2 Haakensen, Contango Strategies. Microbes are
3 absolutely fascinating things. And what most people
4 don't realize is that there are more microbes in a
5 handful of soil than there are humans on all of earth.
6 And so they are always there and they are normally
7 doing very beneficial things for us, or they're there
8 and ready to help us out in the way that we end up
9 using them in these wetlands.

10 And so, you are correct, the wetlands
11 will slow the flow of the water. And we actually
12 calculate the flow of the water that we need to remove
13 these contaminants. But it is a combination of the
14 plants, the type of soil that we put in, that flow-rate
15 of the water we just discussed, as well as the microbes
16 that end up removing that contaminant from the water.
17 So it's all the things working together in a natural
18 ecosystem.

19 THE CHAIRPERSON: Thank you. Richard
20 Mercredi...?

21 MR. RICHARD MERCREDI: Yeah, thank you,
22 Mr. Chair. No more questions.

23 THE CHAIRPERSON: Thank you. I'm
24 going to go to Board Member Danny Bayha.

25 MR. DANNY BAYHA: Thank you, Mr. Chair.

1 I just had a couple questions, if I may. And earlier I
2 think we talked about wetlands. It's a lot of
3 information. I think there's still some -- some
4 questions that's -- probably the Board and the public
5 has it and we certainly, probably still have it too, as
6 well.

7 I guess, when we use the word "remove"
8 contaminates from water, I'm just curious as to remove
9 to where? Where does it end up? Is it going to still
10 be in the wet -- wetlands? Are we talking it disappear
11 into thin air?

12 So can you maybe clarify that a bit.
13 Thank you.

14 THE CHAIRPERSON: Thank you, Mr.
15 Bayha. I'm going to go to Fortune Mineral.

16 DR. MONIQUE HAAKENSEN: Monique
17 Haakensen, Contango Strategies. When I refer to the
18 contaminants being removed from the water, in the
19 constructed wetlands they are placed into the soil or a
20 sediment of the wetland. And so what happens is that
21 they change from a soluble form, which is in the water,
22 to a precipitate and insoluble form in a mineralized
23 form in the soil which is of a much lower toxicity and
24 has much reduced impacts, and it is long-term and
25 stable in the soil in that form.

1 THE CHAIRPERSON: Thank you. Mr.
2 Danny Bayha...?

3 MR. DANNY BAYHA: Thank you. I guess,
4 going back to the earlier issue of -- of monitoring of
5 these wetlands and stuff, you had a issue that one of
6 the -- in your presentation you had traditional
7 knowledge will be incorporated into the closure
8 planning. I imagine this includes the wetlands.

9 How -- do you have an idea of how that
10 might work out? Thank you.

11 THE CHAIRPERSON: Thank you. Fortune
12 Minerals...?

13

14 (BRIEF PAUSE)

15

16 DR. RICK SCHRYER: Rick Schryer,
17 Fortune Minerals. These wetlands will depend on
18 natural plants. That's what we plan on using, is
19 plants in the area. I think that's the best avenue for
20 people to provide traditional knowledge or advice in
21 terms of the natural plants in the area; where they
22 might be located, where the best ones might be to take.
23 So -- because these wetlands are, like I said, very
24 dependent on the type of plants that you put in them,
25 that's what I think is the best avenue for input by

1 these people. Thank you.

2 THE CHAIRPERSON: Okay. Thank you.

3 Danny Bayha...?

4 MR. DANNY BAYHA: Thank you. I
5 appreciate that answer. The other one earlier you
6 mentioned, again goes back to that wet whole thing
7 about wetlands and the issue of where this is
8 happening. I understand now Fortune probably has other
9 mines in the world or in the country; are they using
10 wetlands as a form of treatment out in their
11 facilities? Thank you.

12 THE CHAIRPERSON: Fortune Mineral...?

13

14 (BRIEF PAUSE)

15

16 DR. RICK SCHRYER: Rick Schryer,
17 Fortune Minerals. I just want to make sure I
18 understand the question. Are you asking if Fortune
19 Minerals has other facilities, or just other facilities
20 in general that are using wetland treatment?

21 THE CHAIRPERSON: Mr. Bayha...?

22 MR. DANNY BAYHA: Thank you. Yeah.
23 And mostly, if Fortune Mineral has other mines, or
24 planning to open other mines elsewhere besides here
25 that their planning to use wetland as its form of

1 treatment of contaminated water, so forth. Thank you.

2 THE CHAIRPERSON: Fortune Minerals...?

3 DR. RICK SCHRYER: Rick Schryer,
4 Fortune Minerals. This is the first mine that Fortune
5 Minerals will be developing and is, consequently, the
6 first one where we're proposing wetland treatment.
7 Obviously when we demonstrate the technology we think
8 it's something that we could move forward to other
9 projects, but for now this is our only one.

10 THE CHAIRPERSON: Thank you. Danny
11 Bayha...?

12 MR. DANNY BAYHA: Thank you, Mr. Chair.
13 Thank you for that answer. One of the last questions I
14 had was: You have a nineteen (19) year mine life, and
15 things certainly -- people live in the area would be
16 certainly interested on -- on exactly the amount of, if
17 you will, tailings, contaminants, that'll -- might be
18 left once this mine closes?

19 So, apart from, you know, you have an
20 idea of the percentage of cobalt and metals coming out
21 you can probably give us a possible guess of how many -
22 - let's say pounds or tonnes of -- of arsenic, for
23 example, could be aluminum, that might be remaining in
24 the area. Of course, there's going to be treatment,
25 but still you have wetland treatment as you proposed,

1 reverse osmosis as you proposed, but that will be an
2 act of removal of these metals from site as well.

3 But, apart from that, can you give us
4 maybe some -- an idea of what will be left in that
5 area? Thank you.

6 THE CHAIRPERSON: Thank you, Mr. Bayha,
7 for your final question. Fortune Mineral...?

8

9 (BRIEF PAUSE)

10

11 MR. KEN DE VOS: Ken De Vos, with
12 Golder Associates. Currently, the -- the arsenic and
13 all the other minerals, aluminum, make up part of the
14 rock. So -- so those materials are currently right
15 there in what will be the open pit.

16 And Fortune is not proposing to change
17 the amount of materials on that particular site. What
18 they're going to do is just move it from the pit into
19 the -- the pile. They will be removing some -- some of
20 the metals and sulfates as concentrate, which will be
21 shipped to Saskatchewan, but the proportions and
22 percentages will remain the same.

23 We have the chemical analysis in
24 Appendix 7.2 of -- of the DAR, in terms of parts per
25 million of each of those chemicals, and as well as the

1 averages in terms of parts per million. I can't
2 remember those numbers off the top of my head, but I
3 can certainly look in those tables and -- and provide a
4 reference to that table if you're interested in that,
5 so that the percentages would be approximately the same
6 as -- as currently in -- in that area.

7 THE CHAIRPERSON: Mr. Bayha, did you
8 have any more questions?

9 MR. DANNY BAYHA: Yeah. Yeah. Thank
10 you, yeah. But I was just hoping to get sort of an
11 idea for the public for -- as well as ourselves, an
12 idea of what will be there. You know, for example, in
13 the other mines you -- you pretty well -- when they
14 closed down, you -- they pretty well probably have a
15 pretty good idea what they're dealing with, in terms of
16 -- of long term monitoring, long term reclamation if
17 that be the case.

18 So it would be very helpful, I think, at
19 least for -- for myself as -- as a Board member, that
20 it would be nice to know what will be available, or be
21 there on site. Of course, you know, there's
22 percentages, so from there you can certainly calculate
23 that. I'd rather it comes from Fortune Minerals rather
24 than somebody giving us a guess that -- that -- you
25 know, what -- what will be left behind and -- and for -

1 - for the communities or elsewhere, or for government,
2 in this case, to deal with once the Company -- their
3 lease lapses, or whatever, they close -- they have to
4 walk away from this, so I would rather that happen. So
5 I -- Mr. Chair.

6 THE CHAIRPERSON: Thank you.

7 DR. RICK SCHRYER: Rick Schryer,
8 Fortune Minerals. In our August 20 closure analysis to
9 the Board we did provide flow rates and chemistry for
10 the CDF so that you know what's there for the CDF. We
11 also provided flow rates and chemistry modelling
12 predictions for the open pit, so again you know what's
13 there. And we also provided the design specs and the
14 expected performance from the wetland treatment
15 systems, and our overall risk assessment to look at the
16 potent -- the overall impacts of the project on
17 traditional uses which were basically the same. The
18 usages doesn't change.

19 So all of that information is in the
20 closure analysis. It is available for the Board to
21 review.

22 THE CHAIRPERSON: Okay. I'm going to
23 go back to Danny Bayha.

24 MR. DANNY BAYHA: Thank you. Okay.
25 Well, I'll move on. The final question. I don't know

1 about the -- these wetlands but it keeps going back
2 here. Is smell going to be an issue with this, odour,
3 with these wetlands? Thank you.

4 THE CHAIRPERSON: Thank you, Mr. Bayha.
5 Fortune Minerals...?

6 DR. RICK SCHRYER: Rick Schryer,
7 Fortune Minerals. Without being trite, they'll smell
8 like a wetland. They won't -- there won't be any odour
9 that you wouldn't have in other -- any other natural
10 occurring wetland.

11 THE CHAIRPERSON: Okay. Thank you.
12 Board member Danny Bayha...?

13 MR. DANNY BAYHA: Thank you. That's
14 all I had, Mr. Chair.

15 THE CHAIRPERSON: Okay, thank you. I'm
16 going to go to Rachel Crapeau, Board member.

17

18 (BRIEF PAUSE)

19

20 MS. RACHEL CRAPEAU: I also had
21 concerns about the wetlands, but you mentioned that the
22 information is on the public registry. I will double-
23 check and see what the information is going to say as I
24 read.

25 But what I was thinking about was having

1 lived in Dettah and seen how -- when we drive by this
2 road to go to Yellowknife we saw this little land all
3 nice and clean, and it looked really nice. And over
4 the next fifteen (15) to twenty (20) year, thirty (30)
5 years, we've got a big hill that wasn't there before,
6 and that's what your -- your section of your closure is
7 going to look like in -- in the end when -- when you --
8 when you close shop and have to walk away.

9 The runoff from that, plus supposing
10 water rose quite high, and -- and it went downwards
11 towards the Marian River, how will the wetlands
12 function? Will it still be working just as well as --
13 as when you're -- you're in operations, and -- and will
14 it be able to handle high water just in case we got --
15 we -- we had lots of snow one (1) year, and in that
16 same -- after the snow melt, lots of rain, will -- will
17 the wetlands be able to handle a lot of water?

18 THE CHAIRPERSON: Fortune Minerals...?

19

20 (BRIEF PAUSE)

21

22 DR. RICK SCHRYER: Rick Schryer,
23 Fortune Minerals. During our pilot scale testing,
24 we'll be testing the performance of the wetland in
25 extreme flow events and extreme drought events; so what

1 if there's hardly any water, or what if there's lots
2 and lots of water. That's in relation to the
3 performance of the wetland.

4 In relation to the physical issues that
5 might happen in terms of an extreme rainfall event or
6 freshette at site, the wetland will be designed to be
7 able to take that capacity without overflowing.
8 That'll be one (1) of the design aspects of the -- of
9 the wetland.

10 Our thoughts on that is that we would
11 put what's called an equalization pond upstream of the
12 wetland, and it would capture all the water from
13 snowfall, and then release that water at a constant
14 rate through the wetland to -- and that -- that
15 optimizes its performance. But they will be designed
16 to deal with freshette and extreme rainfall events in
17 order to address your concerns.

18 THE CHAIRPERSON: Thank you. Rachel
19 Crapeau...?

20 MS. RACHEL CRAPEAU: Thank you.
21 Because I just remember one (1) time in Dettah when I
22 was quite young we had rain every day, so much so that
23 hardly anybody went house to house visiting, the
24 children were not playing outside, and people started
25 to start praying. I haven't seen that much rain like

1 that, but you never know down the road after post-
2 closure what could happen, and how things will function
3 and work.

4 And you also -- you also mentioned that
5 your TK knowledge will be incorporated into clo --
6 closure planning as Nico project moves into operations.
7 Are you going to start planning that pretty quick, or
8 are you going to wait until a year before operations?
9 I was just wondering.

10 DR. RICK SCHRYER: Rick Schryer,
11 Fortune Minerals. The timing of the next step in our
12 closure planning depends a lot on our timing of
13 engagement with the Tlicho government. I would like to
14 start moving that closure plan to -- forward this fall
15 and -- so that we have a preliminary closure plan ready
16 for the water licensing period. That would be my goal.

17 THE CHAIRPERSON: Okay. Rachel, any
18 more questions?

19 MS. RACHEL CRAPEAU: No more questions,
20 Mr. Chair.

21 THE CHAIRPERSON: Okay. Percy
22 Hardisty...?

23 MR. PERCY HARDISTY: No questions, Mr.
24 Chair.

25 THE CHAIRPERSON: Okay. Thank you.

1 We're going to maybe take a five (5) minute break, but
2 again I think what I'll do is we'll -- we'll take lunch
3 at 12:30, and then we'll come back. We're going to
4 take a half hour lunch, but I want to say that maybe --
5 because of the schedule and time we have, I want to
6 maybe ask the presenters to -- because we already had
7 the -- your presentation on the public registry, what
8 we could do is I'd like you to look at your
9 presentation, and again the people that are going to be
10 asking questions be -- I'm going to limit your
11 questions, and then -- but we need to be point -- right
12 -- right to the point, and right to -- direct. Thank
13 you.

14 MR. BILL ENGE: Mr. -- Mr. Chairman...?

15 THE CHAIRPERSON: Yes?

16 MR. BILL ENGE: Could I beg the Board's
17 indulgence. Unfortunately we had some mechanical
18 problems this morning, which led us to be late arriving
19 here. But I would like to -- to ask the proponent a
20 couple of questions in regard to the -- the closure
21 plan. If you would allow us to have -- make a couple
22 of questions?

23 THE CHAIRPERSON: Well, right now we're
24 going to take a break, and -- and we got a schedule,
25 and we did call the North Slave Metis, and then three

1 (3) other people that weren't here. So we've got to
2 maintain the schedule, but if we -- if we are not able
3 to get to -- to you, Bill, maybe we could just take it
4 in writing, just so that we can maintain the schedule
5 we have.

6 Okay. So we'll take a five (5) minute
7 break.

8

9 --- Upon recessing at 11:04 a.m.

10 --- Upon resuming at 11:17 a.m.

11

12 THE CHAIRPERSON: Okay. This morning
13 we said that we're going to try to get done here by
14 noon and have a half hour lunch and go forward, but
15 we're running behind again. And one (1) of the things
16 that -- we said that we want to keep the schedule, so
17 I'm going to ask that as we go forward into the
18 presentations, like I said ear -- earlier, if we could
19 make it brief, and if there are people that are going
20 to ask questions keep them brief. But then now I'm
21 going to limit -- limit those questions. So if you
22 have ten (10) then you -- you summarize of the ten (10)
23 of -- and you choose -- you choose what questions you
24 want to ask and I'll take maybe up to three (3)
25 questions from the presenters.

1 But this morning, also when I made the -
2 - the ruling -- read out the ruling in regards to
3 meeting here for July and the date and time, we -- we
4 had a problem. I guess one (1) of the presenters
5 wasn't -- was supposed to be here. Apparently they
6 broke down, so they couldn't be here. But North Slave
7 Metis had requested for one (1) question and I want to
8 allow that and then we'll go into the next part of the
9 presentation by Environment Canada and -- and we'll go
10 from there. So I want to turn it over to Mr. Bill
11 Enge.

12 MR. BILL ENGE: Thank you, Mr.
13 Chairman. Bill Enge, from North Slave Metis Alliance.
14 And I thank the -- the Chair's indulgence for allowing
15 me to make -- place a question to the proponent.

16 The question is this: The proponent has
17 indicated that one (1) of the contaminants that is
18 going to be a residual from the mine is arsenic.
19 Arsenic is a very serious contaminant, as we all know,
20 especially in Yellowknife where we're from when we're
21 dealing with tonnes of arsenic trioxide at the old
22 Giant Mine, and it's a very serious concern to the
23 North Slave Metis Alliance members. Now, I just want
24 to understand the mechanics of what the proponent is
25 proposing in order to contain the arsenic from

1 polluting our water system in our lands.

2 As I understand it, the arsenic is going
3 to -- to be a product of the mining process. The
4 arsenic is going to flow into the water system, leach
5 into the water system. The arsenic is then going to be
6 captured into artificial wetland ponds. And then the
7 arsenic is going to be eaten by organisms or microbes
8 in the water. And eventually the arsenic is going to
9 fall into the sediment of these wetland cells. And the
10 question here I have is: What is the concentrations
11 that the proponent has calculated in terms of arsenic,
12 and just how much concentration of the arsenic is going
13 to be into the ground, and do they expect the arsenic
14 to flow through the wet -- through the watershed, and
15 are they saying that none of it is going to reach the
16 Great Slave Lake? Thank you.

17 THE CHAIRPERSON: Thank you, Mr. Enge,
18 for your only question. I'm going to turn it over to
19 Fortune Minerals, and then we'll go onto the
20 presentation.

21

22 (BRIEF PAUSE)

23

24 DR. RICK SCHRYER: Rick Schryer,
25 Fortune Minerals. Just to make sure we -- we cover

1 this properly, during operations we will be using a
2 reverse-osmosis system to treat the water that would be
3 going into -- that'll be discharged into Peanut Lake.
4 Our site specific water quality objective would be 50
5 milligrams per litre of arsenic. Keep in mind that
6 that's considerably lower than what's going into the
7 natural system right now.

8 At closure, our SSWQO would be the same.
9 It would be 50 milligrams per litre of arsenic. That's
10 after wetland treatment. And so our SSWQOs are the
11 same micrograms per -- micro litres -- or micrograms
12 per litres, sorry -- per litre. Those SSWQOs would be
13 the same at closure. Those are levels that we have
14 modelled and found to be safe for the environment.
15 Thank you.

16 THE CHAIRPERSON: Thank you. Okay.
17 Thank you for your response. And I'm going to --
18 before we go into the next presenter, like I said
19 earlier, that I'm going to limit the questions down to
20 three (3) now. So if you had ten (10) or fifteen (15),
21 well, you take your three (3).

22 And -- and the other thing is that the
23 people that are doing presen -- presentation here, and
24 this -- and if I -- if you only -- if you didn't get
25 all your answers questioned (sic), and -- and you were

1 giving the three (3), what you could do is write a
2 letter, and -- to the presenter. And what we'll do is
3 we'll have that on registry, and then we'll wait for
4 the responses from whoever you wrote the letter to, and
5 that'll also be placed on the registry, so everybody
6 could see it in case we're not able to get everybody's
7 questions here this morning.

8 With that, I'm going to continue on now
9 with presentations by AANDC. And -- and I'm going to
10 ask if we could maybe get you guys to really condense
11 your presentation because we already have it on the
12 public registry. And then the people that are going to
13 be asking questions, we -- we ask you that you -- you
14 pick your best three (3) questions. Thank you.

15 MR. ROBERT JENKINS: Thank you, Mr.
16 Chair. It's Robert Jenkins, Aboriginal Affairs. Just
17 one (1) small point. We'll try to do our presentation
18 as quickly as we can. I just notice that it's the
19 Tlicho government's presentation on the screen, and I -
20 - I don't think that they want AANDC speaking for them
21 today.

22 THE CHAIRPERSON: Thank you for
23 pointing that out. We'll get that fixed.

24

25 CLOSURE - PRESENTATION BY AANDC:

1 MR. ROBERT JENKINS: Thank you, Mr.
2 Chair. Again, my name is Robert Jenkins. I'm the
3 acting director of Renewable Resources and Environment
4 for Aboriginal Affairs Northern Development Canada, in
5 short AANDC. With me today, to my left, Mr. Nathen
6 Richea with the water resources division. To my right
7 Scott Duke, legal counsel. And behind me sitting I
8 have Mr. Paul Green, also with the water resources
9 division.

10 First, just want to thank the Board for
11 allowing us to speak today. I'd like to thank the
12 community of Behchoko for hosting us here.

13 Mr. Chair, from our technical review of
14 the information provided by the developer, Aboriginal
15 Affairs has discussed three (3) main areas of concern,
16 and these include site-specific water quality
17 objectives, aquatic effects monitoring, and closure and
18 reclamation.

19 On Wednesday I described for the Board
20 the first two (2) aspects and how they are intertwined
21 and related to closure. Today we will provide a short
22 presentation regarding our concerns in relation to
23 closure and reclamation of the proposed Nico Mine site.

24

25 (BRIEF PAUSE)

1 MR. ROBERT JENKINS: Aboriginal Affairs
2 developed the mine site reclamation policy for the
3 Northwest Territories in response to a number of
4 instances where the Crown assumed environmental
5 liability of a site due to an insolvency and subsequent
6 abandonment of a mining property.

7 The principles of the policy identify
8 that mine site reclamation should reflect the
9 collective desire and commitment to operate under the
10 principles of sustainable development, including the
11 polluter pays principle, and that every new mining
12 operation should be able to support the cost of
13 reclamation.

14 Mr. Chair, the policy was developed to
15 ensure protection of the environment and for the
16 disposition of liability related to mine closures in
17 the NWT. As such, the reclamation security must equal
18 the total outstanding liability of the mine
19 development. It is understood, as is the case with
20 other operations in the NWT, the cost of reclamation
21 may progressively increase with each stage of mine
22 development.

23 Following the release of the policy in
24 2002, Aboriginal Affairs initiated the development of
25 the mine site reclamation guidelines as a companion

1 document. A key concept of these guidelines is to
2 design for closure and reclamation.

3 The goal here is to minimize long-term
4 care and maintenance and to eliminate perpetual care
5 requirements. Determining walkaway scenarios with
6 minimal maintenance post-reclamation is particularly
7 important in the NWT due to the isolated location of a
8 majority of active and proposed mine sites and a
9 resulting high access and transportation cost.

10 The department has two (2) primary
11 concerns with the closure scenarier -- closure scenario
12 for the proposed Nico project as described in the DAR:
13 1) is the length of time required for the pit to fill
14 naturally, and 2) is the need for passive or active
15 water treatment post-closure.

16 Mr. Chair, there were two (2) scenarios
17 for flooding the open pit that were discussed in the
18 DAR. The first was allow it to fill naturally over
19 approximately a hundred and twenty (120) years, and the
20 other was active flooding over a period of
21 approximately ten (10) years by pumping from the Marian
22 River.

23 We've heard that the Company has
24 committed to actively filling the pit upon closure.
25 Aboriginal Affairs agrees with the approach and

1 strongly prefers that the pit be actively filled over a
2 period of approximately ten (10), and we heard today
3 twelve (12) years, if this schedule does not
4 significantly impact the water quantity of the local
5 system -- namely, the Marian River.

6 The Department believes that this is a
7 more manageable option from a mine closure perspective
8 and ensures that the proponent addresses outstanding
9 reclamation liabilities as efficiently as possible.
10 Aboriginal Affairs' position is to eliminate the risk
11 and long-term liability as soon as possible following
12 the end of mining operations.

13 Mr. Chair, while Aboriginal Affairs is
14 pleased that Fortune has committed to actively filling
15 the pit, some uncertainty does remain regarding the
16 long-term quality of water that will need to be managed
17 on the site.

18 Fortune has proposed constructed
19 wetlands as a potential walkaway solution to the
20 management of long-term water quality and has
21 identified a series of studies and work that would be
22 required to confirm the suitability of this treatment
23 option.

24 Aboriginal Affairs agrees that
25 additional effort is required to develop closure

1 options that will eliminate the need for long-term
2 treatment and associated care and maintenance. This
3 work should occur early in the closure planning process
4 to allow for any potential adjustments or revisions to
5 the proposed closure strategy.

6 So with that, Mr. Chair, the Department
7 recommends that active flooding of the open pit be the
8 preferred closure scenario for the Fortune Nico
9 project. We also recommend that a key element of the
10 closure planning process during operations should be to
11 identify and develop methods to eliminate the need for
12 passive or active long-term treatment of water leaving
13 the site post-closure.

14 So, Mr. Chair, Fortune Minerals is
15 proposing the development of a cobalt, gold, copper,
16 and bismuth mine, located in the Tlicho region of the
17 Northwest Territories. Any effects of the proposed
18 project should be limited such that they do not impact
19 or limit traditional use of this area now or into the
20 future. Where possible, the Department has provided
21 recommendations to the Review Board to assist in their
22 decision-making process, to minimize the potential
23 impacts of this project both in magnitude and temporal
24 extent.

25 And with that, Mr. Chair, I would like

1 to thank the Board for the opportunity to speak. And
2 we're open for questions on our technical report.

3

4 QUESTION PERIOD:

5 THE CHAIRPERSON: Thank you for your
6 brief presentation. I want to thank you for -- for
7 doing that. Okay, I want to go to questions now. The
8 following order I have now is Fortune Minerals Limited,
9 if you have any questions for AANDC on their
10 presentation.

11 DR. RICK SCHRYER: Rick Schryer,
12 Fortune Minerals. No questions. Thank you.

13 THE CHAIRPERSON: Okay, thank you. I'm
14 going to go to Tlicho government.

15 DR. GINGER GIBSON: Masi cho. Ginger
16 Gibson for the Tlicho government. Thank you for your
17 presentation.

18 Would you -- would -- do -- would AANDC
19 support the setting of a security deposit during the
20 conceptual closur -- closure phase that reflects
21 multiple options, that is flexible to incorporate the
22 possible need for active treatment, and then release
23 the Developer from the security deposit related to the
24 active treatment obligations if passive treatment
25 becomes a proven technology? Masi.

1 THE CHAIRPERSON: Okay, thank you.
2 Before I go to Fortune Minerals again, I just want to
3 remind the people that, again, we're going to limit
4 them to three (3) questions and then, you know, we'll
5 go from there. So thank you for your first question
6 from the Tlicho government. Going to Fortune Min --
7 sorry, AANDC.

8 MR. ROBERT JENKINS: Thank you, Mr.
9 Chair. It's Robert Jenkins, Aboriginal Affairs. Thank
10 you for the question.

11 The setting of the security deposit that
12 I -- as I had mentioned on Wednesday, is the
13 responsibility of the Wek'eezhii Land and Water Board
14 for this case. So when we move to the water licensing
15 phase, the project will be required to post a security
16 associated with the water licence. It may also be
17 required to post security associated with a land use
18 permit and potentially also a land lease, depending if
19 -- if one is -- one is obtained by the Proponent.

20 In regards to what scenarios we would
21 put in an estimate for, I think that we've really, at
22 this point in time, still need to look at the
23 information that's coming in. And so I don't want to
24 say right now that the security estimate would include
25 things like active treatment or not. It really depends

1 on, again, review of the information that's coming in,
2 the risks that are presented.

3 And I think that though in the past we
4 have at times collected security or recommended that a
5 security be set which includes alternatives, in this
6 instance I don't know if active treatment would be that
7 alternative. It may be something different, which
8 would absolve some of the issues associated with
9 whether or not passive treatment will work.

10 THE CHAIRPERSON: Thank you. We'll go
11 back to the Tlicho government, second question of the
12 three (3) questions.

13 MS. GINGER GIBSON: Thank you, Ginger
14 Gibson, Tlicho government. The Tlicho government has
15 put forward the idea of peer oversight that we
16 mentioned to you the other day in Yellowknife. And
17 we're wondering about AANDC's support of a measure to
18 include active peer oversight of the new technologies,
19 including the -- the co-disposal facility and of the
20 wetlands treatment fac -- facility. Thanks.

21 THE CHAIRPERSON: I'll go to AANDC.

22 MR. ROBERT JENKINS: Thank you, Mr.
23 Chair. It's Robert Jenkins with Aboriginal Affairs.

24 I think that the -- moving forward with
25 this project, the Proponent will have to gather and

1 obtain different regulatory approvals including, as I
2 mentioned previously, land use permit, water licence,
3 potentially a land lease. These instruments would
4 cover operations and -- at the co-disposal facility and
5 operations at the mine site.

6 Generally these are handled through the
7 Board, as I mentioned previously. The Board is --
8 often in its authorizations, they would have a number
9 of plans. These plans would probably be related to
10 things like the co-disposal facility. And generally,
11 the Board moves through these processes and garners
12 information from experts, including government
13 departments. and I'm sure that they would be looking
14 for input from the Tlicho government, other parties.
15 So I think that that process, in reality, could --
16 could accommodate and received the input that I think
17 you would be looking for.

18 THE CHAIRPERSON: Thank you. I am
19 going to go to the Tlicho government for the third and
20 final question.

21 MS. GINGER GIBSON: Masi, we have no
22 final question.

23 THE CHAIRPERSON: Thank you. I'm going
24 to go to the Yellowknives Dene First Nation.

25 MR. TODD SLACK: Todd Slack, YKDFN.

1 Thank you, Mr. Chair. I have a single question.

2 Following on the Tlicho, from AANDC's
3 perspective, does the fact that the Proponent have a
4 single property ♦♦ pardon me, a single development
5 affect the recommendation that they would put forward
6 to the Wek'eezhii Land and Water Board, in terms of
7 security?

8 THE CHAIRPERSON: Thank you, Todd Slack
9 from YKDFN for your only question. Fortune
10 Minerals...?

11 MR. ROBERT JENKINS: Thank you, Mr.
12 Chair, it's Robert Jenkins with Aboriginal Affairs.

13 In regards to when the Department puts
14 forward recommendations on the amount of security, what
15 we look for is the amount of security that is required
16 for that project. So as we discussed earlier, the
17 question from the Tlicho government, the department
18 will put forward a recommendation based on what it
19 feels is needed and it will look at the risk. And if
20 there is some outstanding risk, it will look at whether
21 or not it needs to hold money for an alternate solution
22 while the Company is gathering information to prove
23 what it's putting forward. And we have done this in
24 the past.

25 So I think that whether or not they have

1 one (1) property or multiple properties doesn't really
2 -- doesn't really pay -- or, sorry, not "pay" -- play
3 into account. And I think that in reality, in the end,
4 what the bond is, is a bond. And what you'll see in a
5 water licence is that they can't start operations until
6 that bond is posted. And so -♦ so if for some reason
7 the fact that they -- they only have one (1) property
8 and -- and is sort of a mute (sic) point. They still
9 would have to put up the bond that is set by the
10 Wek'eezhii Land and Water Board, generally in advance
11 of starting their operation.

12 THE CHAIRPERSON: Thank you. I am
13 going to go over to the North Slave Metis Alliance.

14 MR. BILL ENGE: Thank you, Mr. Chairman.
15 Bill Enge for the North Slave Metis Alliance.

16 Yeah, I am interested in furtherance to
17 the Tlicho question in regard to the placement of a
18 security bond to ensure that in case the so-called
19 passive cleansing method doesn't work, what mitigating
20 measures they have considered would be appropriate to
21 clean up the mess, should there be one. And I was
22 wondering if they gave any thought to just how much of
23 a security bond would be appropriate in this context.

24

25 (BRIEF PAUSE)

1 THE CHAIRPERSON: Yeah. Before I go to
2 Fortune Minerals with that question, I think that
3 responsibility belongs to the Land and Water Board, the
4 Mackenzie Valley Land and Water Board, but I'm going to
5 turn it over to Fortune Minerals. If you want to re --
6 respond to -- oh, sorry, AANDC, sorry. I'm -- I'm...

7 MR. ROBERT JENKINS: Thank you, Mr.
8 Chair. It's Robert Jenkins. Over to Fortune, please,
9 for that. We -- it's a little premature, I think,
10 right now for -- for the Crown to think about what it
11 would need to do to clean up the Nico Project. That's
12 -- within our policy, we maintain that's a
13 responsibility of the proponent. The policy states
14 that the polluter pays. We've developed mine site
15 closure guidelines to -- to provide input into
16 oversight and Board processes on the level of detail
17 and planning.

18 I think that once we move a little
19 forward and start having those discussions on planning,
20 Aboriginal Affairs will defiantly be putting its
21 technical input into that, and we would be evaluating
22 internally of whether or not we need to propose to the
23 Board that additional funds be held for alternative
24 options in the interim while the passive treatments
25 scenario is being proved on site.

1 THE CHAIRPERSON: Thank you. I want to
2 go to North Slave Metis for second of the three (3)
3 questions.

4 MR. BILL ENGE: Thank you, Mr.
5 Chairman. Bill Enge here from North Slave Metis
6 Alliance. Just to make sure I understand the response
7 by the AANDC rep, as I understand it, AANDC is going to
8 be an active overseer of the experiment with these
9 wetlands to see if in fact this passive cleansing
10 system works while the mine is in actual operation. And
11 if they find that the system is not working, then they
12 would take some measures to fix the problem.

13 Do I understand that, that is what I
14 heard? Thank you.

15 THE CHAIRPERSON: Thank you, Mr. Enge.
16 I'm going to go to AANDC.

17 MR. ROBERT JENKINS: Thank you, Mr.
18 Chair. It's Robert Jenkins with Aboriginal Affairs.
19 As I understand the process moving forward, we're
20 currently in the environmental assessment process.
21 That's under the purview of the purview of the Review
22 Board. They will make a determination, which they will
23 provide to the Minister on this project, and they'll
24 include any measures that they need to in regards to
25 closure, including the proposed passive treatment

1 system.

2 So those will be carried forward and
3 implemented as this project proceeds to the Wek'eezhii
4 Land and Water Board. That is the body that will
5 oversee the water licence and the land use permit for
6 this operation. So they will be the ones who will
7 require management plans, different things like that,
8 in regards to water treatment.

9 They will also establish the bond as I
10 previously discussed. They will also potentially
11 include things like reclamation research. That is the
12 oversight body that requires, early on in the site,
13 preliminary closure plan through the mine life; interim
14 closure plans; and as we near closure, a final closure
15 plan.

16 But as we move through all of those
17 stages, they request technical input, technical input
18 from -- or other input, traditional knowledge input
19 from First Nations, from government agencies, and --
20 and other potential Intervenor.

21 So it's not Aboriginal Affairs who, in
22 essence, requires all that and oversees this project,
23 but they contribute to it. We do hold the bond that's
24 established by the Wek'eezhii Land and Water Board for
25 this operation.

1 THE CHAIRPERSON: Thank you. I'll go
2 to the North Slave Metis for your final question.

3 MR. BILL ENGE: Yes. Thank you, Mr.
4 Chairman. Bill Enge, for the North Slave Metis
5 Alliance. You know, it's a pretty important role that
6 AANDC is playing in this -- the mine approval process,
7 since it is the only present government agency in the
8 Northwest Territories, and usually -- and -- and
9 holding the money for a project is a pretty serious
10 responsibility. So I don't see the AANDC's role in
11 this as very weak. In fact, it's pretty serious.

12 And with that in mind, what I'd like to
13 know as well is are -- is -- is AANDC going to put
14 together an independent monitoring agency, and support
15 it, to ensure that the water is monitored properly and
16 cleansed properly and safe for human beings to use?
17 Thank you.

18 THE CHAIRPERSON: I'll go to AANDC.

19 MR. ROBERT JENKINS: Thank you, Mr.
20 Chair. It's Robert Jenkins with Aboriginal Affairs. I
21 hope in my previous response I wasn't downplaying
22 Aboriginal Affairs' role in this -- in this
23 undertaking.

24 We take that role quite seriously. We
25 take the holding of a security bond quite seriously.

1 Again this is why, due to insolvencies in the past, we
2 developed a policy. We developed guidance documents.
3 We participate actively in Board processes. And we
4 provide technical input into closure. So I don't want
5 to downplay our responsibilities at all. We take them
6 very seriously.

7 In regards to an independent monitoring
8 agency, I think we need to look at what is existing
9 before we establish something new, and we need to do
10 that for each project. We need to look at the
11 concerns. We need to ensure that people are aware of
12 what's going on. And does that happen through existing
13 mechanisms? And if it doesn't, what is left over? So
14 are there things left over that isn't dealt with
15 through the Land and Water Boards and other agencies?

16 And at that point, then you need to
17 evaluate who and how, and who is involved, and -- and
18 how it gets established. So at this point, I think
19 that there still needs to be further discussion on
20 that.

21 THE CHAIRPERSON: Okay. Before I go to
22 the next presen -- presenter, so what you're saying is
23 that you're not saying no to the -- to that question?

24 MR. ROBERT JENKINS: Thank you, Mr.
25 Chair. It's Robert Jenkins with Aboriginal Affairs. I

1 didn't say no. I also didn't say yes. So I think
2 that, again, moving forward, it's an item for
3 discussion. This is an item which comes up for every
4 project.

5 I think each one (1) is unique. I think
6 the -- the -- some of the issues may be overlapping.
7 But I think that we need to really look at whether we
8 can, you know, solve those problems and so -- resolve
9 those concerns through existing mechanisms before we
10 establish another body.

11 THE CHAIRPERSON: Good answer. Thank
12 you. Okay. I'm going to continue on with Fisheries
13 and Oceans Canada.

14 MS. SARAH OLIVIER: Fisheries and
15 Oceans, no questions.

16 THE CHAIRPERSON: Thank you.
17 Government of Northwest Territories...? Sorry, your
18 name? Sorry.

19 MS. SARAH OLIVIER: Sarah Olivier with
20 Fisheries and Oceans.

21 THE CHAIRPERSON: Okay, thank you.
22 Government of Northwest Territories...?

23 MR. SHAFIC KHOURI: Mr. Chair, no
24 questions. Shafic with ENR.

25 THE CHAIRPERSON: Thank you.

1 Environment Canada...?

2 MS. SARAH-LACEY MCMILLAN: Sarah-Lacey
3 McMillan with Environment Canada. No questions.

4 THE CHAIRPERSON: Thank you. Transport
5 Canada...?

6

7 (BRIEF PAUSE)

8

9 THE CHAIRPERSON: Not here. Natural
10 Resources Canada...?

11 MR. JOHN KING: John King, Natural
12 Resources Canada. No questions. Thank you.

13 THE CHAIRPERSON: Okay, thank you.
14 Review Board staff...?

15 MR. JOHN DONIHEE: John Donihee for the
16 -- Board counsel, and there are no questions from staff
17 or counsel.

18 THE CHAIRPERSON: Thank you. To my
19 left, Board member Percy Hardisty...?

20 MR. PERCY HARDISTY: No questions, Mr.
21 Chair.

22 THE CHAIRPERSON: Thank you. Rachel
23 Crapeau, Board member...?

24 MS. RACHEL CRAPEAU: No questions, Mr.
25 Chair.

1 THE CHAIRPERSON: Thank you. Board
2 member Danny Bayha...?

3 MR. DANNY BAYHA: Just one (1) small,
4 quick question, if I may, Mr. Chair. The security
5 deposit, who decides how that's used up during the
6 course of -- of reclamation? Thank you.

7 THE CHAIRPERSON: Thank you, Mr. Bayha.
8 AANDC...?

9

10 (BRIEF PAUSE)

11

12 MR. ROBERT JENKINS: Thank you, Mr.
13 Chair. It's Robert Jenkins with Aboriginal Affairs. So
14 the security deposit, as I mentioned earlier, the
15 authority is with the Land and Water Board to set the
16 amount, and then the Department holds that amount. So
17 often when -- in the setting of the amount there's a
18 calculation done, what is this money for?

19 But that said, as you move through
20 operations generally any on site issues are resolved
21 directly with the Company. And only in sort of a
22 worst-case scenario would the Department look towards
23 using it if something needed to get done. I've never
24 seen that occur in the past, to my knowledge.

25 Generally, the money gets accessed if

1 the Company goes insolvent or -- or bankrupt. And so
2 then the -- the money then is -- the key to the bond is
3 sort of the form. There's different forms that -- that
4 it can be held in. So the Crown looks to holding a
5 form which is readily converted to cash, that's the
6 optimal one (1), if it's not cash. And ultimately,
7 then the site would be in the hands of the Crown, and
8 they would utilize the funds to clean up the site.

9 THE CHAIRPERSON: Thank you. Board
10 member Danny Bayha...?

11 MR. DANNY BAYHA: So you guys hold --
12 decide how it's spent? That's -- that's all I wanted
13 to know, who was in charge of how that money is spent.
14 Thank you.

15 THE CHAIRPERSON: Thank you, Mr. Bayha.
16 I'm going to go to Board member Richard Mercredi.

17 MR. RICHARD MERCREDI: Thank you, Mr.
18 Chair. No questions.

19 THE CHAIRPERSON: Board member James
20 Wah-shee...?

21 MR. JAMES WAH-SHEE: Mr. Chair, I've
22 got no questions. Thank you.

23 THE CHAIRPERSON: Thank you. Board
24 member John Curran...?

25 MR. JOHN CURRAN: Thank you, Mr. Chair.

1 I have no questions at this time, but thank you for
2 your presentation.

3 THE CHAIRPERSON: Okay, thank you. I
4 want to thank the Aboriginal Affairs and Northern
5 Development Canada for your presentation. Masi.

6 I'm going to go to -- the next one of
7 the presenters is going to be the Tlicho government.
8 And also, as you set up, on the agenda here it says
9 that you're scheduled for thirty (30) minutes, so I'm
10 going to try to see if we could try and get all the 'Q'
11 and 'A's at the same time, in that time frame. Thank
12 you.

13

14 CLOSURE - PRESENTATION BY TLICHO GOVERNMENT:

15

16 (INTERPRETED FROM TLICHO INTO ENGLISH)

17

18 ELDER CHARLIE APPLE: Thank you, Mr.
19 Chairman. I live in Behchoko. My name is Charlie
20 Apple. I am going to be talking a bit on the proposed
21 mine, and I'd like to talk about the closure as well.

22 Will it -- will it look the same as it
23 does now? Will -- will they be able to reclaim it back
24 to the original state that it's in right now? And I'm
25 also -- I'm going to touch a bit on the wildlife around

1 that area. Would they still be healthy, like they are
2 now?

3 I understand that they will be using
4 arsenic to process the -- the minerals in that area.
5 And -- and I also know that water will be used. So he
6 says the waters are going to be contaminated and going.
7 So if it goes through the soils and if it goes through
8 the wetlands, would all of the water be cleansed? Like
9 -- like they're claiming that it will, but what if the
10 water is not cleansed properly the way it should? What
11 if it contaminates the land, the soil, the wildlife in
12 that area?

13 And from what I understand, is that
14 they're saying -- they're claiming that -- that
15 wetlands will capture the contaminants and keep it in -
16 - in one (1) spot. He says, I -- I have a hard time
17 understanding that, because everything on this planet
18 is always on the move.

19 Now I'm also curi -- I'm also concerned
20 about the closure of the mine. Will they be able to
21 bring it back to the original state that it is in right
22 now? And I'm -- I'm also concerned about the chemicals
23 that will be used at the site. How well will -- will
24 it be monitored so that it doesn't damage and destroy
25 the area too much?

1 There's a lot of small games. There's
2 rabbits, there's ptarmigans, all these small games.
3 And -- and I'm sure that the chemicals will be going
4 through the food chain like it does with everything
5 else.

6 And -- and they said that they'll be
7 able to reclaim the area to the original state. Will
8 they be able to -- to clean the area of all the
9 chemicals that will be used during the operation?

10 Now, these are concerns that -- that I
11 have, so I know there is a lot of questions that will
12 be asked. We -- we always -- we always are con --
13 concerned about the contaminants, because we do live
14 off the land. We hunt and trap in the areas.

15 And when we -- when we want to speak
16 about the concerns, we can go on for hours. Now, I can
17 sit here all day, and my concerns and the passion for
18 the land will not end. And we -- I can talk about the
19 -- the areas that I trap in, the areas that I hunt in,
20 the fishing. Now after -- after the closure, will they
21 be able to -- to cleanse the area as well as they say
22 they would?

23 And what about the -- the water that's
24 contaminated with the -- with the chemicals? Will they
25 be able to get rid of the chemicals and cleanse the

1 water so that humans can consume it? What if there is
2 a seepage? What if -- what if there's a large spill
3 and -- and it -- and it flows into Marian Lake?

4 There are people that have lived here
5 for years and years. We're not going to relocate, so
6 we have to use the water. And -- and I know -- and I
7 know that a lot of our people use the area for
8 travelling, also for fishing, and also for hunting for
9 muskrat and beaver.

10 Now I -- I'd like to know -- there is a
11 stream, there is creeks in that area. I -- I'd like to
12 know how much water they will use from -- from the
13 streams?

14 So these are the questions that -- that
15 I have. I know we have a limited time to -- to ask
16 questions, so my main concern is water pollution. So
17 thanks for giving me the opportunity to talk.

18

19 (INTERPRETATION CONCLUDED)

20

21 DR. GINGER GIBSON: Masi to the Elder
22 Charlie Apples for the presentation. Ginger Gibson,
23 for the Tlicho government. We've shared much of this
24 information with you, so I'm going to -- I'm going to
25 travel quickly through the presentation. And the

1 Elders set the cultural and geographical context for
2 us.

3 Currently the -- the current position fo
4 the Tlicho government is that we accept that the
5 constructed wetlands offer great potential for the
6 success -- and -- and have potential for successful use
7 in cold climates, but that there are still big
8 uncertainties.

9 We reviewed these uncertainties with the
10 Developer. We -- we laid these out on -- on the day in
11 which we treated water quality. I'll just highlight
12 one (1) of them.

13 We've discussed today that there -- the
14 wet -- there's not certainty right now about how much
15 maintenance, for example, would be required by --
16 during the op -- the -- the years after the mine
17 closes. And so we're not clear whether there is a
18 walkaway solution -- whether there is a walkaway point
19 from this mine. And so at this point we see -- we
20 continue to see uncertainties that provide us enough --
21 enough uncertainty that we're looking for a Plan B
22 still.

23 We believe the current use of wetlands
24 has merit and it is supported. But given there is --
25 there are uncertainties that we've identified, we think

1 that there continues to be some risk that wetlands
2 could fail and that perpetual re -- care would be
3 required.

4 And so we're looking for appropriate and
5 sufficient contingency plans that need to be in place
6 until such a time as the wetlands treatment plan is
7 proven and that we do see that it's functioning
8 appropriately for the -- the long term.

9 The contingency plan needs to be backed
10 up by more than a promise. We -- we need to see the
11 contingency plan be formally developed as closure
12 alternatives and with the corresponding financial
13 assurances.

14 To address the uncertainties associated
15 with the use of wetlands, we are requesting that the
16 report of EA require Fortune to formally include
17 alternative closure options in their -- in their
18 conceptual plan -- in -- in a conceptual closure plan
19 prepared for the site until such a time that the final
20 closure plan is dealt with by the Tlicho government and
21 by the regulators.

22 The report of vi -- environmental
23 assessment should require financial asser -- surance,
24 such as a security deposit required through a water
25 licence, and cover the alternative closure options

1 until such a time that primary closure concept is
2 proved feasible.

3 We had a co -- a question from the Land
4 and Wa -- or, the Land and Water Board staff today
5 about the synthetic cover. We have -- we've looked at
6 the clay -- the -- the current cover that's proposed by
7 the Developer. And we'd like to seek an undertaking on
8 this, because we -- we have continued to look at this
9 question of how much water gets into the co-disposal
10 facility and then needs to be treated afterwards.

11

12 The Tlicho government is looking for --
13 we're not abs -- absolutely clear on what seepage water
14 quality will be. And at this point, we'd like to see,
15 if possible, the -- the way -- to limit as much as
16 possible the water that gets into the co-disposal
17 facility.

18 And so we're looking for an undertaking
19 to look at the costs and benefit analysis to be carried
20 out to determine whether a synthetic cover is a viable
21 option as compared with the proposed option that's --
22 that the Company is currently -- has currently put out.

23 On this next question we are
24 recommending also to -- that the waste classification
25 that the Company has proposed, the cutoff that they

1 proposed for .3 percent of sulfur, they've determined
2 that this -- have suggested that above point three (.3)
3 is benign.

4 We've asked for the classification of
5 waste rock to be reviewed. We understand that it's
6 complex. And we understand that there's -- there's
7 many variables associated with this. But we'd like to
8 see a cutoff that's lower or we'd like to look more
9 closely at this question with Fortune so that we can --
10 we -- we have -- we would have greater comfort if the
11 cutoff for sulfur was lower so that potentially acid-
12 generating materials are not being used on, for
13 example, roads.

14 On the co-disposal technology that's
15 being proposed, again -- once again, we recognize this
16 is a unique situation. We rec -- rec -- we recognize
17 that it's a new technology and that it does decrease
18 the footprint. So there's some -- some really good
19 things about it.

20 But we've also illustrated a number of
21 operational challenges that we consider still to be
22 significant. Thickener performance is one of them; ice
23 lensing is another.

24 We believe that it's important that
25 there be continual monitoring and assessment of a

1 number of issues. And that's why we have brought
2 forward the -- the idea that there be an oversight body
3 established for the early years, at least for the early
4 -- early years, of a peer-review mechanism, both for
5 the co-disposal facility but also for wetlands.

6 We've seen this work in other mines.
7 And we provide here an example that I won't go through
8 in depth. But we've seen in other mines this provide
9 really good engineering and external oversight
10 experience to mines. And the example we provide here
11 is Island Copper Mine, which had for the life of the
12 mine independent peer review.

13 The waste rock management -- waste rock
14 management is number 7. We've heard the Company today
15 commit to having waste rock management protocol, and so
16 we've asked for this to be a measure. But we -- we
17 understand that there's a commitment on this, and --
18 and we're pleased to hear that.

19 On the question of thiosalts monitoring,
20 we also had a discussion on this today. Golder
21 usefully contributed on this question. We still
22 consider it to be an issue, and we've provided a
23 recommendation that monitoring, assessment, and
24 management of thiosalts be included as a part of mine
25 waste management plan that is appro -- reviewed and

1 approved by the Board, the Mackenzie Valley Land and
2 Water Board, before the start of milling.

3 In summary, we've made recommendations
4 for eight (8) measures; and I believe it's really seven
5 (7) measures, because one (1) of our recommendations is
6 an undertaking. And we -- we're hoping that these
7 measures can be addressed in the report of
8 environmental assessment.

9 The Elder wants to add on one (1) -- one
10 (1) comment. Masi.

11

12 (INTERPRETED FROM TLICHO INTO ENGLISH)

13

14 ELDER CHARLIE APPLE: Thank you,
15 Chairman. My name is Charlie Apple. I live in
16 Behchoko. I'm concerned about one (1) thing, and I'm
17 going to tell you about it. As -- as I'm sitting here,
18 I'm not only talking for myself; the children. As for
19 myself, my daughters, they all have children. In the
20 future, we're talking for the future generations.

21 As we sit here speaking, as an Elder,
22 we're not talking for ourselves. The future
23 generations, the children, when they attend schools and
24 they learn, and when they look at these documents in
25 the future, they're going to think about what their

1 grandparents and the Elders have spoken about.

2 And these Elders had -- living this way,
3 and that's what the youth of the future will be
4 thinking about, and that's -- that's the kind of
5 documents they'll be looking at. So I just wanted to
6 let you know on that. Thank you, Mr. Chairman.

7

8 (INTERPRETATION CONCLUDED)

9

10 THE CHAIRPERSON: Masi, Charlie Apple.
11 Thank you very much.

12 Ginger Gibson, that was your
13 presentation?

14

15 (BRIEF PAUSE)

16

17 THE CHAIRPERSON: Okay. Before I go to
18 questions, I -- you spoke about an undertaking. Can
19 you just -- I know you read it out, but I just don't --
20 back up maybe. Either that -- just so that we're
21 clear. And then I'm going to ask a question about the
22 undertaking to the Developer and if they could respond
23 to that undertaking, just so that we're clear. Thank
24 you.

25

1 (BRIEF PAUSE)

2

3 DR. RICK SCHRYER: Rick Schryer,
4 Fortune Minerals. Fortune Minerals has already
5 addressed the issue of the suitability of a cover on
6 the CDF in IR Response TG-14. Ken De Vos with Golder
7 Associated repeated that response this morning.

8 The main issue with this cover, of
9 course, is its need for periodic maintenance and
10 removal, which of course is not a walkaway solution for
11 the CDF. So we'd -- we'd be curious as to what a cost-
12 benefit analysis would be, since we already know that
13 that's really not an option that we're looking for, in
14 terms of being able to walk away from the site. Thank
15 you.

16 THE CHAIRPERSON: Okay. Thank you for
17 your response in response to the question before
18 regarding the undertaking.

19 I'm going to go to questions now.
20 Again, I just want to remind the people that are going
21 to come up to speak in regards to questions that I'll
22 limit you to three (3). And so I'm going to start from
23 the top now. I'm going to go to Fortune Minerals. Any
24 questions to the Tlicho government on their
25 presentation?

1 QUESTION PERIOD:

2 DR. RICK SCHRYER: Rick Schryer,
3 Fortune Minerals. No questions, thank you.

4 THE CHAIRPERSON: Thank you. I'm going
5 to go to the Yellowknives Dene First Nation. Any
6 questions for -- to the Tlicho on their presentation?

7 MR. TODD SLACK: Todd Slack,
8 Yellowknives Dene. No questions.

9 THE CHAIRPERSON: Thank you. I'm going
10 to go to the North Slave Metis Alliance. Any questions
11 to the Tlicho government on their presentation?

12 MR. BILL ENGE: Yes, thank you, Mr.
13 Chairman. What I would like to do, I guess, is -- is
14 just add my support to what the Tlicho representative
15 has -- has said, which is the need for a security
16 deposit to ensure that the cleansing process or passive
17 process doesn't work, there will be something in --
18 some funding in place to make sure that this -- that
19 there's a remedy in place to fix it. Thank you.

20 THE CHAIRPERSON: Okay, thank you. I'm
21 going to move over to Fisheries and Oceans Canada. Is
22 there any questions to the Tlicho government on their
23 presentation?

24 MS. SARAH OLIVIER: Sarah Olivier with
25 Fisheries and Oceans. No questions, Mr. Chair.

1 THE CHAIRPERSON: Thank you. I'm going
2 to go to the Government of the Northwest Territories.
3 Are there any questions for the Tlicho government on
4 their presentation?

5 MR. SHAFIC KHOURI: Shafic, ENR. No
6 questions. Thank you very much.

7 THE CHAIRPERSON: Thank you. I'm going
8 to go to Aboriginal Affairs, AANDC. Any questions?

9 MR. ROBERT JENKINS: Thank you, Mr.
10 Chair. It's Robert Jenkins, Aboriginal Affairs. I do
11 have one (1) question.

12 One (1) of the important components of
13 the closure planning process is developing, early on,
14 goals, so closure goals and closure objectives; so, in
15 essence, what you are looking at the site to be, or
16 what are you trying to achieve through closure.

17 And I'm just wondering -- I -- I'd
18 appreciate it if the Tlicho government just could talk
19 a little bit about whether or not its had any
20 preliminary thoughts in that regard? Thank you.

21 THE CHAIRPERSON: Thank you. I'm going
22 to go to the Tlicho government.

23 DR. GINGER GIBSON: Masi. Ginger
24 Gibson from the Tlicho government. Clearly, the
25 recommendations on water quality that we made with

1 respect to the qualitative measures are part of it, but
2 I'll turn to Chief Clifford Daniels for some other
3 preliminary thoughts on this question.

4 CHIEF CLIFFORD DANIELS: Masi. Chief
5 Clifford Daniels, Tlicho government. It's very
6 interesting that we're starting to get more and more
7 familiar with this project and the wetlands being
8 discussed. And we have the same scenario and that --
9 that we'd wished for this to be a walkaway project once
10 the closure is in place.

11 And -- and in saying that, there's --
12 there's other things we've just wanted to think about,
13 like the Elder has said. We're thinking about how are
14 you going to, on the wetlands, have that area put -- I
15 guess, make sure there's no animals getting into the
16 wetlands and that, and -- and the birds.

17 And so, we're -- you know, the plan that
18 we'll be discussing, I guess we're going to really have
19 internal discussions on how we're going to proceed in
20 this, because we're learning as we go. And we really
21 want this -- that we are assured that once this mine is
22 closed, that we really don't want to revisit it and
23 that. We want to really be assured that -- this is one
24 (1) of the first mines that we're really dealing with
25 as a government, and we want to really be reassured

1 that this is an actual closure and we don't have to
2 come back to it. So that's something we are really
3 working for -- towards. Masi.

4 THE CHAIRPERSON: Thank you, Chief
5 Daniels, for your response. Okay, we're going to move
6 over to Environment Canada. Is there any questions to
7 the Tlicho government?

8 MS. SARAH-LACEY MCMILLAN: Thank you,
9 Mr. Chair. It's Sarah-Lacey McMillan with Environment
10 Canada. I have no questions. Thank you.

11 THE CHAIRPERSON: Thank you. Transport
12 Canada? Okay, I'm going to move on to Natural
13 Resources Canada.

14 MR. JOHN KING: John King, Natural
15 Resources Canada. No questions, thank you.

16 THE CHAIRPERSON: Thank you. To the
17 Review Board staff, any questions to the Tlicho
18 government on their presentation?

19 MR. BRETT WHEELER: Thank you, Mr.
20 Chair. Brett Wheeler for the Board. The first question
21 is a -- a follow-up from Wednesday.

22 And on Wednesday we asked about the
23 site-specific water quality objectives and the
24 narrative statements that AANDC had made and that --
25 that you supported. And we asked -- yeah, that if --

1 if these statements could be -- could be met, and then
2 would you consider there to be not a significant effect
3 on water quality?

4 So the -- this question was, was that:
5 If those narrative statements which you had put forward
6 were met, then would you consider that to be acceptable
7 with regard to water quality? And you mentioned that
8 there were numerous information gaps that -- that you
9 would like to be filled before, you know, having a
10 response.

11 And so I'd like to follow up with: Are
12 these information gaps related to closure? And, if so,
13 can you give an indication of -- of what these
14 information gaps are?

15 THE CHAIRPERSON: Thank you. I'm going
16 to go to Tlicho government.

17

18 (BRIEF PAUSE)

19

20 DR. GINGER GIBSON: Masi. Two (2) --
21 two (2) comments. First of all, I -- I mentioned
22 earlier that SENES is supporting us and -- and has been
23 -- been providing us guidance on these -- on some of
24 these questions. And so they -- they are going to take
25 a look afterwards at the -- the record, given that our

1 -- our key consultant is not available today, and
2 provide us with some clarity on this.

3 But from my knowledge and experience of
4 this, our concerns are seepage water quality; so that's
5 an operational issue. Seepage water quality, we
6 haven't seen the results of humidity cell testing, and
7 so we don't know what is actually going to be coming
8 off of the pile, off of the co-disposal pile. And so
9 we are not clear on -- on that question.

10 We've gotten some understanding. Many
11 of the closure gaps are -- are gaps that deal with --
12 with -- our information gaps are closure gaps, some of
13 which have been clarified by the material that's been
14 presented in the last few days.

15 However, sizing was one of our key
16 issues, and I think we've gotten a bit -- a bit of a
17 better understanding about that. Volume, ability to
18 deal with volume of flow is something we're still
19 looking at, and we'll look at the new material that was
20 presented with respect to that question.

21 Freezing and -- and arctic -- subarctic
22 conditions is another question, an information gap
23 we've been wrestling with. Again, we'll look at the
24 material that's been presented.

25 So, yes, there are remaining

1 uncertainties and information gaps which, as
2 information is released, we're trying to grapple with
3 it as quickly as we can. But it's -- it's still coming
4 at us quite quickly, and -- and it takes quite a
5 process to go through that internally and for us to get
6 comfort as a team with that information.

7 Does that answer your question?

8 THE CHAIRPERSON: Thank you. I'm going
9 to go to the Review Board staff.

10 MR. BRETT WHEELER: Thank you, Mr.
11 Chair. Brett Whe -- Brett Wheler for the Board.

12 Just to -- to clarify, I guess, it seems
13 like the information gaps are related mainly to -- to
14 how those narrative statements might be achieved. And
15 my question really is -- is about the narrative
16 statements themselves.

17 So however they -- they might be
18 achieved, would achievement of -- of -- and maintenance
19 of those narrative statements about water quality,
20 would those equate to -- to a no significant adverse
21 impact on water quality?

22 So whatever the details or how they
23 might be met, would -- would achieving those
24 statements, as long as they're achieved, would that
25 suffice?

1 THE CHAIRPERSON: Thank you. Tlicho
2 government...?

3

4 (BRIEF PAUSE)

5

6 DR. GINGER GIBSON: Thank you. We do
7 support those statements. We've done quite a bit of
8 work on those statements. We spent a full day -- the
9 people you see here, many of the Elders in the room, we
10 spent a full day looking at them, so they are -- they
11 are considered statements.

12 But we still need to look at the data in
13 order to -- to understand whether those value
14 statements can be met or whether there's main -- con --
15 continues to be uncertainty. I think that -- I guess
16 I'll leave it there.

17 THE CHAIRPERSON: Okay. Thank you.
18 Review Board staff...?

19 MR. BRETT WHEELER: Brett Wheeler for the
20 Board. Thank you, Mr. Chair. And I'll move on to my
21 next question.

22 The next question is about wetland
23 performance. And in your questions about wetland
24 function to the Developer following their presentation
25 on closure, the Developer responded that predicted

1 water quality in their -- in their August 20th memo
2 provided to the Review Board, the predictions of water
3 quality downstream of the project were -- were provided
4 without considering wetland treatment and -- and with
5 considering wetland treatment.

6 And the results as shown in Attachment B
7 of the August 20th letter, they suggest that without
8 the wetlands the Marian River water quality post-
9 closure would be within the range of background
10 conditions. And this seems to reduce the dependency on
11 -- on the wetlands in order to meet the water quality
12 objectives and the narrative statements we just talked
13 about.

14 And so I guess two (2) -- two (2)
15 questions to that. One (1) is: Do you accept the --
16 the updated water quality predictions that are provided
17 in the August 20th memo?

18 And second: Does this apparent lack of
19 need, a lack of reliance on the wetlands, reduce your
20 concern about wetland performance and wetland
21 uncertainty? Thank you.

22 THE CHAIRPERSON: Thank you. Tlicho
23 government...?

24

25 (BRIEF PAUSE)

1 DR. GINGER GIBSON: Thanks for your
2 question. That is a -- a question that I'd like to
3 turn to SENES to and not -- not at this very moment,
4 but we'd like to provide our response back to you on
5 that question. We would look at the record and provide
6 the -- the statement to SENES and -- and look at the
7 site-specific issue that you've raised and then -- and
8 provide a -- a written response to this if that is --
9 yeah, because our -- our indiv -- our consultant is not
10 available on this question today.

11

12 (BRIEF PAUSE)

13

14 MR. BRETT WHEELER: Brett Wheeler, for
15 the Board. Thank you. Do you have an idea when you
16 could have that response?

17

18 (BRIEF PAUSE)

19

20 DR. GINGER GIBSON: Once the transcript
21 is released, we will commit to have the answer two (2)
22 weeks after the day that it's released.

23

24 (BRIEF PAUSE)

25

1 MR. JOHN DONIHEE: Mr. Chairman, it's
2 John Donihee for the Board. The -- the transcripts
3 will likely be out Monday or Tuesday, I -- I would
4 think. And that's September -- let's see, Tuesday
5 would be the 4th. I -- I guess, could -- could we
6 simply ask that you file that at the same time that you
7 file your -- your TK report on the 15th of September,
8 please?

9 THE CHAIRPERSON: Thank you. To the
10 Tlicho government.

11 DR. GINGER GIBSON: I'm -- I'm just
12 checking. I'm on Skype right now with SENES'
13 administrative people. Yes, September 15th is okay.

14
15 --- COMMITMENT NO. 2: Tlicho government to answer
16 two (2) questions: 1) Do
17 you accept the updated
18 water quality predictions
19 that are provided in the
20 August 20th memo? 2) Does
21 this apparent lack of need,
22 a lack of reliance on the
23 wetlands, reduce your
24 concern about wetland
25 performance and wetland

1 uncertainty? Respond by
2 September 15th, 2012

4 THE CHAIRPERSON: Okay. Thank you.

5 Review Board staff...?

6 MR. BRETT WHELER: Thank you, Mr.
7 Chair, one (1) more question. Could you -- there are a
8 couple of questions about -- and one (1) in particular
9 from AANDC about the co-disposal facility peer review
10 committee and that concept.

11 I wonder if you can describe the peer
12 review committee or oversight body for the co-disposal
13 facility a bit more, and -- and in particular to -- to
14 help differentiate between the idea of a -- a peer
15 review committee and the regular review and approval
16 process for management plans that's undertaken by the
17 Wek'eezhii Land Water Board, basically looking for how
18 -- your vision of how this would fit into the
19 regulatory process. Thank you.

20 DR. GINGER GIBSON: Thank you very
21 much. I -- I -- I've listened really closely to what
22 AANDC said, and -- and I thought that Mr. Jenkins
23 actually had a really -- a really good answer to that
24 question.

25 However, my concern is that people are

1 specifically seconded and it's their job to provide
2 guidance and advice on a question associated with a --
3 a peer review committee, rather than it being something
4 that is -- is possible.

5 And -- and so the -- the model that we
6 put forward was the idea of Island Copper Mine, which
7 did have an independent peer review, independent
8 scientific advisory committee that advised on -- and
9 est -- on the monitoring programs on outlining
10 procedures for sampling and providing analytical --
11 looking at analytical results and -- and giving
12 guidance.

13 I think that it could, in the first few
14 years of -- in particular of operation, and there could
15 be a contingency with it -- associated with it so that
16 it wasn't necessarily for the life of mine unless it
17 was needed. But for the first few years it's very
18 clear that there's going to be many operational kinks
19 to work out, both with respect to co-disposal and with
20 respect to wetlands.

21 And more mines is better than -- than
22 fewer. NRCan itself, when I posed the question to them
23 on Tuesday, NRCan, I believe, sup -- supported the
24 suggestion that independent expertise from NRCan would
25 be something to bring to bear on this question.

1 So I think that it would be -- to
2 provide that -- that good, scientific expertise from a
3 broad range of -- of areas of -- of expertise, so both
4 engineering, but also what NRCan could bring to the
5 table, what AANDC could bring to the table, the
6 different kinds of -- of expertise that would be needed
7 to look at these different technologies would be very
8 helpful to the Developer in ensuring that -- that
9 there's good design and -- and problems are caught
10 before they become big issues. Masi.

11 THE CHAIRPERSON: Okay, thank you. I'm
12 going to go back to the Review Board staff.

13 MR. JOHN DONIHEE: Thank you, Mr.
14 Chairman. John Donihee, for the Review Board. I have
15 two (2) questions.

16 The first one, just in relation to this
17 model, I guess, for an independent review or monitoring
18 agency that you referred to in your presentation from
19 the Island Copper situation, my understanding is that
20 the -- that's about all the information we have on the
21 record about that right at the moment, is just that you
22 -- you've suggested it and that it's out there.

23 So I'm wondering if -- if you have
24 suggested it to the Board, do you have any background
25 information about how it's structured, how it works,

1 what it costs, and information like that, that might
2 give the Board the ability to assess this model in --
3 in a critical way?

4 So do -- if you do have that
5 information, will you provide it to the Board? And if
6 you don't have it right now, would you undertake to get
7 it and to file it with the Board by the 15th of
8 September?

9 THE CHAIRPERSON: Thank you, Mr.
10 Donihee. The Tlicho government...?

11 DR. GINGER GIBSON: Masi cho for that
12 question. Yes, we would provide that information. And
13 -- and we would commit to doing that by September 15th
14 as an undertaking.

15

16 --- UNDERTAKING NO. 2: Tlicho Government will file
17 background information and
18 materials re: independent
19 monitoring agency for the
20 Island copper mine by
21 September 15, 2012

22

23 THE CHAIRPERSON: Thank you. Further
24 questions of the Review Board staff?

25 MR. JOHN DONIHEE: Thank you, Mr.

1 Chairman. John Donihee again. This is kind of a picky
2 point, but the -- I -- I just want to be real clear.
3 The -- the presentation that you -- you just skimmed
4 through we've had for some time. You filed it in
5 accordance with the Board's request ten (10) days ago
6 or so.

7 But -- Friday. The -- the text on the -
8 - on the slides actually says that there are eight (8)
9 recommendations, and there are only six (6) that are
10 identified actually as recommendations. So are there
11 two (2) hiding?

12 Or, you know, I guess, could you just
13 straighten it out for us because, I mean, if there is
14 something there that's a recommendation, I guess we'd
15 like to -- to treat it as such on behalf of Tlicho
16 government.

17 THE CHAIRPERSON: Thank you.

18 DR. GINGER GIBSON: Thank you.

19 Recommendations -- Ginger Gibson, Tlicho government.
20 Recommendations 1 and 2 are on one (1) slide, and they
21 include a conceptual closure plan and then the costing
22 for the conceptual po -- closure plan with
23 alternatives.

24 Rec -- recommendation 3 is now an
25 undertaking that I believe the Developer feels has been

1 sufficiently managed. Recommendation 4 is -- well, now
2 it would be 3, is waste classification. Four (4) is
3 co-disposable -- co-disposal and wetlands peer review.

4 Five (5) is waste rock management
5 protocols, which I believe the Developer has committed
6 to. Six (6) is thiosalts monitoring. So that's six
7 (6) and -- and one (1) rejected undertaking. Masi.

8 THE CHAIRPERSON: Thank you. Don --
9 Mr. Donihee...?

10 MR. JOHN DONIHEE: Thank you very much,
11 Mr. Chairman. Those are my questions. Thank you for
12 assisting us.

13 THE CHAIRPERSON: Thank you. Before I
14 go to the Board members, since there are commitments
15 now in regards to undertakings, I think maybe what we
16 could do is we keep track of it. And then I wouldn't
17 mind coming back to it before we conclude today so that
18 we have it on the record so we're clear. Thank you.

19 I'm going to go to my far right. Mr.
20 John Curran, any questions to the Tlicho government on
21 their presentation?

22 MR. JOHN CURRAN: Thank you, Mr.
23 Chairman. I would like to start by saying masi cho to
24 Charlie Apple for his words at the start of the
25 presentation and at the end, clearly speaking from the

1 heart out of concern for his people.

2 One (1) question -- and apologies, no
3 disrespect to the translators. At one (1) point in --
4 in the oral presentation it seemed to indicate that the
5 Tlicho government believe that arsenic was going to be
6 used to process the minerals at site.

7 And just as a point of clarification,
8 does -- does the Tlicho government understand that's
9 not the case and that it is in -- in the ground rock?
10 Thank you.

11 THE CHAIRPERSON: Thank you.

12 DR. GINGER GIBSON: Masi cho. Ginger
13 Gibson. To clarify, we realize that it will not be
14 used. Thank you.

15 THE CHAIRPERSON: Thank you. John
16 Curran...?

17 MR. JOHN CURRAN: Thank you, Mr.
18 Chairman. No other question. Thanks.

19 THE CHAIRPERSON: Okay, thank you. Mr.
20 James Wah-shee...?

21 MR. JAMES WAH-SHEE: Thank you, Mr.
22 Chairman. I'd just like to thank the present -- Tlicho
23 government for their presentation. And I have no
24 questions. Thank you.

25 THE CHAIRPERSON: Thank you. I'll go

1 to my left. Danny Bayha, any questions?

2 MR. DANNY BAYHA: No questions. Masi
3 (NATIVE LANGUAGE SPOKEN).

4 THE CHAIRPERSON: Mr. Richard Mercredi,
5 is there any questions?

6 MR. RICHARD MERCREDI: No questions,
7 thank you.

8 THE CHAIRPERSON: Thank you. Rachel
9 Crapeau, any questions for the Tlicho government on
10 their presentation?

11

12 MS. RACHEL CRAPEAU: Masi cho, Charlie.
13 (NATIVE LANGUAGE SPOKEN).

14

15 (INTERPRETED FROM TLICHO INTO ENGLISH)

16

17 MS. RACHEL CRAPEAU: I un -- I
18 understand your concern. I will take your advice to
19 heart, and I will try to follow -- follow your advice,
20 because I know you are really, really passionate about
21 -- about that land that you live off. So, therefore, I
22 will use your advice as guidance, and -- and I don't
23 have any questions to -- to your statement.

24

25 (INTERPRETATION CONCLUDED)

1 MR. PERCY HARDISTY: Masi, Mr. Chair.

2

3 (INTERPRETED FROM TLICHO INTO ENGLISH)

4

5 MR. PERCY HARDISTY: I'd like to -- I'd
6 like to say thank you to -- to the presentation from --
7 from Tlicho government, as well as the -- the Elder.
8 Thank you.

9

10 (INTERPRETATION CONCLUDED)

11

12 THE CHAIRPERSON: Thank you very much,
13 Percy Hardisty, and thank you to the Tlicho government
14 on their presentation, in particular to Charlie Apple.
15 Masi for your words and wisdom. Masi. And then we'll
16 take that into consideration as well.

17 Because the food's not here yet, we'll
18 continue on, and -- but when the food arrives, it's
19 appropriate that we always try to get our Elders to go
20 up first, and that's the right thing. So once -- once
21 it gets here, then the Elders will go first, and then
22 everybody else. Ask Mr. Wah-shee. He's an Elder.

23 Okay. We're going to go to the -- the
24 Yellowknives Dene First Nation for their brief
25 presentation, and then we'll go on to questions. Thank

1 you.

2

3 CLOSURE - PRESENTATION BY YKDFN:

4 MR. TODD SLACK: Thanks, Mr. Chair.

5 Todd Slack for the Yellowknives Dene. Just as a -- as

6 a point of clarification, the Board had granted me the

7 luxury of doing my air quality with the closure

8 section, but in the interests of time, I've been

9 convinced to submit these comments to the registry.

10 And so I'll be putting those with Chuck. And I can say

11 that they mostly echo the position that ENR has taken.

12 So moving on to closure, the

13 Yellowknives -- as we stated on Wednesday, the

14 Yellowknives Dene have been mindful that this is in the

15 Tlicho territory and that this is at the heart of their

16 lands. And our involvement with the closure issue has

17 been both more detailed than what I'm going to present,

18 but in the end, we've decided to settle on the process,

19 because this could create precedents. And the

20 Yellowknives have a significant amount of experience,

21 having gone through a number of closure planning

22 processes.

23 So I'm going to offer comments that I

24 think would help all parties, and I'm going to talk

25 about three (3) topics: the timeline, the security, and

1 the lack of closure objectives.

2 The Proponent has recently addressed the
3 closure timeline issue. And the Yellowknives have
4 always believed that those who create liability should
5 be forced to address it, and the Yellowknives support
6 this new position.

7 The previous closure timeline extended
8 across many generations, potentially compromising the
9 definition of sustainability. And that's where
10 development that -- must meet the needs of the future,
11 but without compromising the ability of the future
12 generations to meet their own needs.

13 However, this is a project that may
14 require perpetual treatment, which is a source of
15 special concern, because this company has only a single
16 property. Their ability to raise money will only occur
17 over the next eighteen (18) years. After that, any
18 unforeseen events or unpredicted consequences would be
19 the -- the -- would require government support, pardon
20 me.

21 With this in mind, and recognizing that
22 the security will be set by the Mackenzie Valley Land
23 and Water Board, the Review Board still considers
24 issues of sig -- significance and is the primary review
25 mechanism. They decide how best to mitigate potential

1 issues of concern. And the Yellowknives have a hundred
2 contaminated sites in their territory, including Giant
3 Mine, which we all know is a significant environmental
4 disaster.

5 So with this in mind, I can say
6 conclusively that potential unfill -- unfolfund --
7 unfunded, pardon me, liabilities on the landscape, such
8 as the need for perpetual care, are a source of
9 particular concern.

10 During the technical session, AANDC
11 stated that in the past they have not recommended the
12 security be set to 100 percent because of a number of
13 reasons. During the same technical sessions, Mr.
14 Schryer admitted that Fortune Minerals may not be
15 around at the time of final closure. Now, I'm
16 acknowledging that was a hundred and twenty (120) years
17 in the future, and we're talking a bit -- a bit of a
18 different scenario now; but still, the Company may not
19 be here.

20 Now, as a company with a single
21 property, there won't be any additional monies coming
22 after operation cease. So each year that goes by
23 creates an economic push for the Company to walk away
24 from that liability unless there's significant
25 disadvantage.

1 Now, in -- and in the Yellowknives'
2 view, it's likely, or at least potential is there, that
3 this reclamation will be undertaken by the government.

4 Now, at this point it's difficult to
5 know if recent security deposits set by the Land and
6 Water Boards include adequate funds for the Crown to
7 implement the -- the planning, the licensing, project
8 management, and contracting required for a successful
9 closure.

10 INAC uses a tool called the reclaim
11 model, but this has never demonstrated that it is an
12 adequate tool to properly predict costs. No one is
13 arguing that were the Company to default on its
14 liability, that there would be some money available;
15 the issue is the adequacy of those monies, especially
16 considering the uncertainties.

17 YKDFN are concerned that the available
18 funding would be a constraint on the success or the
19 failure of a potential closure, and we believe that the
20 remediation objectives by which a successful closure
21 will be evaluated should be driven by only the end uses
22 of the area.

23 As part of the questioning, Mr. Jenkins
24 with AANDC stated that he wasn't familiar with a case
25 in which a security deposit had been used, and this is

1 something that we had asked the Company -- during the
2 technical sessions we had asked the Company and AANDC
3 about.

4 In further researching this matter, we -
5 - we came across a single instance in which a company
6 had defaulted and a security deposit existed. As it
7 often seems, unfortunately this was here in the NWT,
8 and unfortunately it was here in the Tlicho area, where
9 Colomac had a security deposit of \$1.5 million. Just
10 to put this in perspective, the clean-up costs of that
11 project have exceeded 85 million.

12 We acknowledge that this security was
13 set a number of years ago and things have changed, but
14 at this point there's no guarantee that the system is
15 effective. There are no examples where the security
16 deposit has shown to work.

17 Moving on to the lack of closure
18 objectives. Yellowknives Dene have consistently
19 expressed a concern with the lack of a thorough,
20 modern, and effectively organized closure plan. The
21 real impacts of mineral exploration can only be
22 considered in light of the end picture, what the
23 Company intends to do once production is finished.

24 At this point, the end land use and
25 objectives are unclear and have been unilaterally

1 defined. While recognizing the Company commitments
2 during the environmental assessment stages, YKDFN have
3 consistently sought clarity on these matters, to little
4 satisfaction. It seems that the Company doesn't intend
5 to address or resolve these matters until some unknown
6 point in the future.

7 Coming back to the central tenet of the
8 -- the Yellowknives' position, and that's learning from
9 experience.

10 Our history with the mineral exploration
11 regime has been that the lack of a committed vision
12 shows that the closure objectives and closure goals
13 will never be truly collaboratively developed after the
14 fact. The company drives the agenda during the Land
15 and Water Board phase, and this is based on imprecise
16 language that was made during the environmental
17 assessment.

18 This experience shows us that the lack
19 of precision in objectives can result in significant
20 differences in interpretation as the development
21 proceeds towards closure.

22 Just as an example, the -- the Fortune
23 presentation used the word -- sorry, and I'm not going
24 to get it exactly right. They talked about safe for
25 wildlife. Well, I -- I think, in a fair assessment,

1 that the Company's vision of safe for wildlife is
2 probably different than the Tlicho government or the
3 Yellowknives Dene.

4 These type of differences, expanded
5 across the whole closure scheme, make it very difficult
6 to unila -- or, to collaboratively agree on these
7 things after the fact.

8 So the Yellowknives Dene recommend that
9 the Review Board include a measure related to closure,
10 requiring the Company to collaboratively develop
11 closure goals, site components, and clear clos --
12 closure objectives, as defined in the draft Land and
13 Water Board Guidelines, prior to the issuance of any
14 additional determinations.

15 Secondly, we suggest that the -- the
16 Review Board make it plain to the Land and Water Board
17 that anything less than the maximum environmental
18 security bonding would represent a significant concern.

19 And, just as a -- one (1) last point, a
20 question that Mr. Donihee asked for additional
21 information on independent oversight; while different
22 than the Island Copper example, there are any number of
23 -- I think five (5) to ten (10) submissions on the
24 Giant registry that provide for best practices, showing
25 what's effective, using real-world examples, both here

1 in the North and across the NW -- or, across North
2 America, on effective independent oversight and the
3 values that it provides.

4 I'm only bringing this up as a -- as a
5 reference that the Board could possibly use. And, with
6 that, I'll close my presentation. Thank you very much,
7 Mr. Chair.

8 THE CHAIRPERSON: Okay. Thank you.
9 You stayed two (2) minutes shy from your presentation.
10 That's good. Because we don't have a copy of your
11 presentation in text format, so if you could present us
12 with a copy of that so we could put that on the
13 registry.

14 MR. TODD SLACK: Of course.

15

16 QUESTION PERIOD:

17 THE CHAIRPERSON: Okay. Thank you.
18 Again, I'm going to go to the questions, and again, I'm
19 going to limit the questions to three (3). So I'm
20 going to go to -- from the bottom of the list now, I'm
21 going to go to Natural Resources Canada, if there's any
22 questions for the Yellowknives Dene First Nation.

23 MR. JOHN KING: John King, Natural
24 Resources Canada. No questions, thank you.

25 THE CHAIRPERSON: Transport Canada...?

1 Nobody here. Environment Canada...?

2 MS. SARAH-LACEY MCMILLAN: Sarah-Lacey
3 McMillan will Environment Canada. No questions, thank
4 you.

5 THE CHAIRPERSON: Aboriginal Affairs
6 and Northern Development Canada, AANDC...?

7 MR. ROBERT JENKINS: Thank you, Mr.
8 Chair. It's Robert Jenkins. I just had the same
9 question I asked the Tlicho government.

10 Mr. Slack, could you -- do you have any
11 preliminary thoughts on closure goals, closure
12 objectives, any thoughts that the -- the Yellowknives
13 may have for this site? Thank you.

14 THE CHAIRPERSON: Thank you. I'm going
15 to the Yellowknives Dene First Nation.

16 MR. TODD SLACK: Thanks, Mr. Jenkins.
17 The Yellowknives, in the end, are -- have taken the
18 position that we're interested in this from a process
19 and precedent matter, and the objectives and the
20 definition of that should come from the Tlicho
21 government. This is their land, and they will be the
22 primary users when the -- the Company finishes. And we
23 would encourage that process to -- to move forward.

24 THE CHAIRPERSON: Thank you. Any
25 further questions from AANDC? They said -- they waved

1 and they said, "How," (sic) so they said "no." Okay.

2 Thank you.

3 I'm going to go to the Government of the
4 Northwest Territories.

5 MR. SHAFIC KHOURI: Thank you for the
6 presentation. Shafic, Government of the Northwest
7 Territories. No questions.

8 THE CHAIRPERSON: Thank you. Fisheries
9 and Oceans Canada...?

10 MS. SARAH OLIVIER: Sarah Olivier,
11 Fisheries and Oceans. No questions.

12 THE CHAIRPERSON: Thank you. Going to
13 go to the North Slave Metis Alliance.

14 MR. BILL ENGE: Thank you, Mr. Chairman.
15 Bill Enge from the North Slave Metis Alliance. I just
16 want to ask for clarification.

17 Is the representative for the
18 Yellowknife Dene First Nation recommending to the Board
19 that a security deposit be required by the Proponent,
20 just like the Tlicho government and the North Slave
21 Metis Alliance wish to see done, to ensure that the
22 environment is protected, should the wetlands
23 experiment not work? Thank you.

24 THE CHAIRPERSON: Thank you. I'm going
25 to go YKDFN.

1 MR. TODD SLACK: Thanks, Mr. Chair.

2 Yes. That's the heart of that -- that line of thought.

3 And the security deposit should reco -- recognize the
4 worst-case scenario, which I believe in this case would
5 be perpetual treatment. I -- everyone hopes that's not
6 going to be the case, but we have hundreds of examples
7 across the territory in which the worst case has ended
8 up happening. So that's what we should plan for.

9 THE CHAIRPERSON: Thank you. North
10 Slave Metis Alliance...?

11 MR. BILL ENGE: Thank you, Mr.
12 Chairman. That's all the questions that I have for the
13 presenter.

14 THE CHAIRPERSON: Thank you. I'm going
15 to the Tlicho government. Any questions to the
16 Yellowknives Dene First Nation?

17 DR. GINGER GIBSON: Masi. Ginger
18 Gibson, Tlicho government. There are no questions.

19 THE CHAIRPERSON: Thank you. I'm going
20 to go to Fortune Minerals.

21 DR. RICK SCHRYER: Rick Schryer,
22 Fortune Minerals. No questions.

23 THE CHAIRPERSON: Thank you. I'm going
24 to go to the Review Board staff.

25 MR. JOHN DONIHÉE: Just one (1) point,

1 Mr. Chairman. It's John Donihee for the Board. Mr.
2 Slack referred to a -- a document which is on the Board
3 registry, but for a different -- a different project.
4 And so given that we've asked, you know, for some
5 additional information on these independent monitoring
6 agency arrangements and got an undertaking from Tlicho
7 government, I'm just going to ask I guess if any of the
8 parties have an objection if we just file a copy of the
9 -- the document that's been filed in the -- in the
10 Giant matter on the registry for the -- the Nico EA.

11 I mean, the other way to get it is to
12 ask Mr. Slack to give me an undertaking to file it, but
13 it doesn't seem to make much sense to go that way.

14 So does -- does anybody -- does anybody
15 have a problem if the -- if the Board just refiles that
16 on the -- on this -- on this record?

17 THE CHAIRPERSON: Thank you. I'm goi -
18 - so then -- sorry, Mr. Donihee, that question goes to
19 all parties?

20 MR. JOHN DONIHEE: Thank you. John
21 Donihee. Mr. Chairman, I'm assuming silence is
22 consent, and we'll just go ahead and do it. I have no
23 other questions.

24 THE CHAIRPERSON: Thank you. I think
25 you're the next Chairman. Thank you. We get

1 consensus. I don't see nobody opposing, so thank you.

2 Okay. I'm going to go on to the Review Board staff to

3 my far left. Percy Hardisty...?

4 MR. PERCY HARDISTY: Mr. Chair, I'm the
5 Review Board member. No questions.

6 THE CHAIRPERSON: Thank you. Rachel
7 Crapeau...?

8 MS. RACHEL CRAPEAU: Thank you, Todd,
9 for your presentation. No questions. Thank you.

10 THE CHAIRPERSON: Sorry, Board member
11 Danny Bayha...?

12 MR. DANNY BAYHA: Thank you, Todd, for
13 that presentation. No questions. Thank you.

14 THE CHAIRPERSON: Thank you. Richard
15 Mercredi, Board member...?

16 MR. RICHARD MERCREDI: Thank you, Mr.
17 Chair. No questions.

18 THE CHAIRPERSON: Thank you. James
19 Wah-shee, Board member...?

20 MR. JAMES WAH-SHEE: Mr. Chair, I have
21 no questions. Thank you.

22 THE CHAIRPERSON: Thank you. John
23 Curran, Board member...?

24 MR. JOHN CURRAN: Thank you for the
25 presentation. Thank you, Mr. Chairman. Thank you for

1 the presentation, Todd. No questions at this time.

2 THE CHAIRPERSON: Okay. Thank you. I
3 want to thank the Yellowknives Dene First Nation for
4 their presentation.

5 I don't know if there's any food back
6 there. Nothing yet? Did we eat, actually, our dinner
7 already? Earlier?

8 Mr. Mercredi, I'll -- can you -- what's
9 up with my food?

10 (BRIEF PAUSE)

11

12 THE CHAIRPERSON: It's on -- it's on
13 its way. Okay. I'm just craving for caribou. We'll -
14 - we'll keep going until the food gets here. As soon
15 as it gets here, we'll break.

16 So the next part of today's agenda is
17 the socioeconomic presentation made by Fortune
18 Minerals. Originally, you -- you got 'Q' and 'A', and
19 you've got forty-five (45) minutes. That's including
20 'Q' and 'A' and I'm going to see -- I'm going to ask
21 you if we could shorten your presentation if we have
22 to.

23 Also, the Tlicho government, I think you
24 -- you guys put in for fifty (50) minutes. If we could
25 try to help shorten that and then -- so that we could

1 get through it.

2 And the Government of Northwest
3 Territories, you've got forty (40) minutes, I believe,
4 so we're going to ask you the same thing as well.

5 Okay. And so we'll go into the
6 presentation.

7

8 (BRIEF PAUSE)

9

10 THE CHAIRPERSON: Okay. Mr. -- who's
11 doing your presentation, Fortune Minerals?

12 DR. RICK SCHRYER: Rick Schryer,
13 Fortune Minerals. Thank you, Mr. Chairman. We will
14 proceed with our presentation on socioeconomics, which
15 will be given by Pat Moloney, Manager of Human
16 Resources, and Mr. Bill Shepard, Supply Chain
17 Management. Thank you.

18

19 SOCIOECONOMIC - PRESENTATION BY FORTUNE MINERALS:

20 MR. PAT MOLONEY: Pat Moloney, Fortune
21 Minerals. Just to start off, this is with regards to
22 the socioeconomic, and we are focussing this
23 presentation on the economics, employment wages,
24 training, contracting, in-migration of people, health,
25 and wellness.

1 (BRIEF PAUSE)

2

3 MR. PAT MOLONEY: As we said in Whati,
4 there's obviously positive and negative impacts to the
5 project. Some of the negative ones: the reduced time
6 in the home and community based on the fact that the
7 person will be working outside of the -- of the home
8 community; more traffic on the roads, so there's an
9 increased risk to public safety; along with the
10 opportunity of having the mine operate for nineteen
11 (19) or twenty (20) years is obviously -- at the end of
12 that, there's a downside when there's fewer jobs and
13 fewer opportunities.

14 The positives: an increased tax base and
15 gross domestic product and earnings for people,
16 increased employment and procurement levels, increased
17 opportunities for education and training, more money in
18 people's pockets, and an increased skills and capacity
19 for the communities.

20 From a pro -- project revenues
21 assessment, we do see that the project will have a
22 positive impact on both the territorial, the business
23 revenues, and personal incomes. At the individual
24 level, there's obviously going to be increased money
25 for people over the life of the mine through

1 construction and in operations and then in closure.

2 There will be direct payments to the
3 Tlicho communities that'll add to the local economy,
4 and more consumer spending will also drive more
5 business opportunities. There's going to be lots of
6 business opportunities to come out of the project
7 itself, which will then obviously spin off into more
8 indirect employment and induced employment.

9 And at the government level, the project
10 will contribute to territorial GDP, taxes, and
11 royalties. And some of the things that we've measured
12 out that just from a royalties we see over the life of
13 mine of about approximately \$10 million being paid out
14 to the Tlicho government.

15 There's the opportunity for negotiations
16 through the IBA process and the opportunity for
17 negotiation through the the access agreement process.

18

19 (BRIEF PAUSE)

20

21 MR. PAT MOLONEY: With regards to the
22 Northwest Territories and -- and Canada benefits, we're
23 anticipating that, over the life of the mine, through
24 wages and benefits, that there will be approximately
25 \$343 million paid out; for goods and services,

1 approximately \$1.4 billion. When you put the two (2)
2 together, as a total direct GDP, we're anticipating it
3 to be about 1.8 billion, which then leads to revenues
4 for the government at the territorial level of
5 approximately 156 million, and at the federal level,
6 363 million.

7 With regards to jobs during the
8 construction and operations, during the construction
9 phase, approximately three hundred (300) jobs. With
10 the underground in operation during the first two (2)
11 years of the mine, it's -- we're seeing it peaking at
12 about two hundred and sixty-nine (269) jobs. Then,
13 once the contracted underground is done, we see the
14 operation peaking at about a hundred and eighty-eight
15 (188) jobs.

16 And one (1) of the things that we're
17 aware of, I think most of us are aware of, is that the
18 mining industry does pay well, so we're talking about,
19 you know, a hundred and eighty (180) jobs for a long
20 period of time at a very significant wage.

21 One (1) of the things that Robin Goad
22 mentioned in his speech was that he had promised that,
23 during the exploration phase and getting the mine off
24 the ground, that -- that the Tlicho people would --
25 would benefit from it. And we just went back and

1 tracked, over the last four (4) or five (5) years, with
2 regards to the opportunities we had in our -- at our
3 camp. And of the employment opportunities we had, we
4 were filling those job opportunities at a rate of about
5 75 percent.

6 And during that same period, in the
7 wages that we put into the communities was about four
8 hundred and sixty-seven thousand dollars (\$467,000).
9 And when we needed extra labour because of emergency
10 situations, we turned to the Tlicho Investment Corp,
11 the Tlicho Logistics, and, in addition, we spent
12 another three hundred and eighty-two thousand dollars
13 (\$382,000) with Tlicho Air getting people to and from
14 the site.

15 With regards to employment and training
16 and mitigation, some things that we're proposing to do
17 to make it easier for people to get work at the site:
18 providing transportation from home communities to the
19 actual work site itself; providing extra training for
20 supervisors and those pro -- promoted during the Nico
21 Project life; additional training for entry-level
22 positions and new workforce entrants; apprenticeship
23 opportunities; reviewing candidates with -- with
24 previous criminal crime -- sorry, with previous
25 criminal records on a case-by-case basis; considering

1 equivalent skills and qualifications in recruiting and
2 hiring; allowing and encouraging people to speak their
3 own language; and working with the Mine Training
4 Society to consider development of appropriate training
5 programs.

6 MR. BILL SHEPARD: My name's Bill
7 Shepard. I'm responsible for the supply chain
8 management efforts of Fortune Minerals and basically
9 growing the Company and growing the Company's business
10 efforts.

11 One (1) of the approaches we took here,
12 by looking at our supply chain and our supply chain
13 efforts, is to look at our behaviours and what we're
14 doing currently already with Fortune's business in the
15 area.

16 We have over ten (10) plus years of
17 experience in the exploration phase, and we looked at
18 how are we currently doing our business with the
19 Northern suppliers, Tlicho suppliers, and other
20 businesses within the area.

21 We're proud to say that, through our
22 current behaviours, Fortune Minerals, over the past
23 decade or so, we've created a supply base for Fortune
24 Minerals that's over a hundred and fifteen (115)
25 suppliers, and over ninety-nine (99) being from the

1 North specifically. So Fortune makes great efforts to
2 making sure that we conduct business in the North, and
3 seventeen (17) of which those ninety-nine (99)
4 suppliers are First Nation or Aboriginal suppliers.

5 So we look to ways that we can look at
6 opportunities to increase northern suppliers, and
7 hopefully continue to mitigate efforts to help our
8 procurement needs and increasing procurement levels.

9 What we've done here with Fortune, we've
10 looked at ways that we can source businesses and making
11 sure that they have the capacities in place to perform
12 the opt -- the things we need to have done, and supply
13 the goods and materials that Fortune will need to be
14 successful here in Tlicho territory. We put many
15 efforts in place to work with the local businesses,
16 especially the Tlicho Investment Corporation, to make
17 sure we can identify needs and opportunities for
18 businesses as a whole, or sole proprietorship, to make
19 sure that they are successful. We're looking at not
20 only Tlicho businesses, but also northern Aboriginal
21 businesses and companies, northern businesses in
22 general, and companies at large.

23 If we find we can't find an Aboriginal
24 company, or northern company, to promote the business
25 we need, if there's a specific or speciality item that

1 needs to be purchased, we will only deal with companies
2 that have policies and procedures in place to help
3 build capacity within communities we do business with.
4 To help with this opportunity, Fortune has placed an
5 office here in Yellowknife that I currently myself work
6 in from time to time when I'm in the Yellowknife area
7 to help facilitate these needs, to conduct workshops,
8 interviews with local suppliers, to make sure we can
9 bring people on board into the Fortune database to make
10 sure we can give businesses the -- the correct, and
11 fair, and impartial opportunity to provide services to
12 Fortune Minerals.

13 We're often asked about future
14 opportunities, and we look at where the mine is going
15 and what opportunities will be available. This model
16 is basically forecasting where Fortune may need future
17 services and goods. Some of the key areas we've talked
18 about to some of our different business partners here
19 in the area, we will clearly need to have businesses to
20 provide food services, trucking, labour and machine
21 operations, waste management, transportation,
22 communications, and reclamation, and many more.

23 We've identified these opportunities,
24 and what Fortune is currently doing now is looking for
25 those business partners, such as the ones we currently

1 do business with here in the area, Tli Cho Landtran,
2 Tlichon Air, Domco, and many other businesses in the
3 area we currently do business with, if we can expand
4 their capacities, build more, or bring more local
5 businesses on board is the efforts that Fortune
6 Minerals is currently doing.

7 To do this we've been directed to work
8 directly with the Tlichon business -- or Investment
9 Corporation, and we have done so. And we have a strong
10 relationship at all levels of the Tlichon Investment
11 Corporation, from the folks who provide the services
12 for us to the directing bodies and president.

13 We've done so, and we've had great
14 success in identifying these opportunities, and we'll
15 continue to identify many more to keep business here in
16 the North. We also have a responsibility to build
17 capacity in the communities. And to help build that
18 strength we've engaged opportunities with the Canadian
19 Council for Aboriginal Business to help us strengthen our
20 business policies and procedures, but also to help us
21 develop policies and procedures so businesses that work
22 with Fortune Minerals have all the proper things in
23 place to be good corporate citizens, and help build
24 capacity in the community.

25 So in closing what I want to leave here

1 with you as far as that Fortune Minerals is making
2 efforts to do the proper thing by first of all
3 identifying what we're going to purchase in the
4 northern area as called out in IR response number 9, so
5 we can clearly communicate what our spend will be in
6 construction, operation, and closure. Fortune
7 Minerals' supply team management policies have been
8 developed specifically to not only support Tlicho
9 employment but also other northern Aboriginal
10 companies, whether it be northern -- or whether it be
11 Aboriginal or non-Aboriginal but northern business as a
12 whole. Our policies have been put in place
13 specifically to facilitate that.

14 Fortune's procurement strategy is also
15 designed to deal directly with the Tlicho business arm
16 in a participative process; so working hand in hand as
17 a partnership, to make sure that we're addressing all
18 needs and identifying every opportunity we can to keep
19 business in the north. With that partnership, we've
20 specifically called out in definitions in our internal
21 policy that Fortune Minerals -- Minerals set aside
22 contracts which especially allows us to break up
23 contracts. So if we identify businesses that don't
24 have all of the capacities to perform what we need, we
25 can break up those contracts throughout several

1 businesses to still meet Fortune's needs, but also to
2 make sure the business stays with the northern
3 community and to northern businesses, even sole
4 proprietorships.

5 In consultation, a cooperative
6 relationship, as an example, with the president of TIC,
7 we've even adopted policies and terms in our -- our
8 contracting abilities, such as Evergreen (phonetic) or
9 life-of-mine contracts. So Fortune Minerals is moving
10 forward. These are the type of contracts we're looking
11 forward to move and offer to the local northern
12 community and the Tlicho people.

13 Through Fortune's direct effort to
14 policy we're focussing on engaging Tlicho businesses in
15 the North. And as I mentioned before, with the
16 engagement of the Canadian Council of Aboriginal
17 Business, we're going to provide the expertise for
18 Tlicho businesses and northern businesses to remain
19 competitive by offering them the skill sets and ability
20 to remain competitive in this environment in this
21 market.

22 Secondly, we're using groups such as the
23 CCAB to make sure they help us develop our own internal
24 policies, so if we're dealing with companies across the
25 North, that they also have positive Aboriginal

1 relationships as well to make sure we promote
2 businesses and promote businesses for an Aboriginal
3 hiring policies and in those non-Aboriginal businesses.

4 So we think moving forward we have all
5 the things in place to be suc -- very successful and to
6 be a good corporate citizen with this project. Thank
7 you.

8 MR. PAT MOLONEY: One (1) of the issues
9 that were look -- sorry, it's Pat Moloney, with Fortune
10 Minerals. One (1) of the other issues that we were
11 looking at was with regards to immigration and -- and
12 managing that.

13 One (1) of the things that we looked at
14 to reduce the negative impact of -- of people coming
15 into the Tlicho communities, either looking for work or
16 potentially moving to make themselves closer to the
17 work site, was that we would be offering pickup points
18 for the Tlicho communities and at Yellowknife, so that
19 people were not having to -- to move to get closer to
20 work. The mine camp itself will have all the necessary
21 facilities to sustain the workforce. So people will be
22 spending the time in the -- in the camp with everything
23 that they need.

24 We've also proposed to conduct an
25 inmigration (sic) risk analysis, and that would include

1 conducting a thorough literature review, holding
2 community meetings and interviews, and then using those
3 results to refine the immigration strategy.

4 Our conclusion is that there will be
5 positive socioeconomic benefits from the pro -- from
6 the project and limited negative socioeconomic impacts
7 from the project. Masi.

8 THE CHAIRPERSON: Thank you for your
9 presentation.

10 It's -- we're going to stop here for
11 lunch, and we'll come back in thirty (30) minutes. And
12 we'll continue on with the questions now.

13 But before we do that, I want to ask the
14 Elders to go up first to eat, and then everybody else
15 thereafter.

16

17 --- Upon recessing at 1:08 p.m.

18 --- Upon resuming at 1:35 p.m.

19

20 QUESTION PERIOD:

21 THE CHAIRPERSON: Okay, we're going to
22 start. I think I've got everybody here that needs to
23 be here. Okay, we can start and call the meeting back
24 to order. It's now 1:35 and we had Fortune Minerals do
25 their presentation on Nico project access -- I'm sorry,

1 hang on. Sorry, I'm on the wrong paper. Where did I
2 put it here?

3 Okay, we're going to go into questions.

4 Okay, we're going to go into questions for the
5 socioeconomic portion of this public hearing from
6 Fortune Minerals, and they've done their presentation.
7 So just for the record, the list of questions, again,
8 we will limit three (3). I've already mentioned that a
9 little bit earlier.

10 And none of the Government of Canada
11 will be doing -- asking questions, so the list is now
12 shortened. So I want to go to the Tlicho, but they're
13 not here yet. I'll move on to the Yellowknives Dene
14 First Nation.

15 Is there any questions for Fortune
16 Minerals on their presentation on the socioeconomic?

17 MR. TODD SLACK: Sorry. Thanks, Mr.
18 Chair. Todd Slack, YKDFN. We have no questions.

19 THE CHAIRPERSON: Okay, going to go to
20 the North Slave Metis Alliance. Thank you, no
21 questions.

22 I'm going to continue on and I'm going
23 to go to Review Board staff. Any questions...?

24 MR. JOHN DONIHEE: Mr. -- John Donihee,
25 for the Board, Mr. Chairman. There are no questions

1 from Board staff.

2 THE CHAIRPERSON: Thank you. To my far
3 left, Percy Hardisty, any questions for...?

4 MR. PERCY HARDISTY: No questions, Mr.
5 Chair.

6 THE CHAIRPERSON: Thank you. Rachel
7 Crapeau...?

8 MS. RACHEL CRAPEAU: No questions, Mr.
9 Chair.

10 THE CHAIRPERSON: Can you speak louder?
11 My ear is full of wax.

12 MS. RACHEL CRAPEAU: No quest -- no
13 questions, Mr. Chair.

14 THE CHAIRPERSON: Thank you. I've got
15 to clean out my ears. Danny Bayha, Board member...?

16 MR. DANNY BAYHA: I just had one (1)
17 question from me, Mr. Chair.

18 THE CHAIRPERSON: Thank you. Percy --
19 sorry, Richard Mercredi?

20 MR. RICHARD MERCREDI: No questions.
21 Thank you, Mr. Chair.

22 THE CHAIRPERSON: Okay. Danny
23 Bayha...?

24 MR. DANNY BAYHA: Yes, thank you, Mr.
25 Chair. I just had a question. In your presentation

1 you had a little bit on training and that sort of
2 thing.

3 And if you could maybe give us a bit on
4 how you -- you would actually train your own folks --
5 employees on site or you would be helping in training
6 or having potential employees, you know, to upgrade for
7 example. Because sometimes we have -- folks just
8 coming out of high school may not have -- be able to
9 meet some of the -- the standards out there to -- to be
10 employable.

11 So I'm just wondering if you had any
12 comments on that sort of thing. Thank you.

13 THE CHAIRPERSON: Thank you. We'll go
14 to Fortune Minerals.

15 MR. PAT MOLONEY: Pat Moloney, Fortune
16 Minerals. With regards to the training there's --
17 there's probably two (2) aspects to it.

18 The first one is -- is actually prior to
19 ramping up the operation and that's when we take a look
20 at who is -- who's available in the -- in the
21 communities and what shortfalls we have.

22 So if we look at -- we need to have
23 twenty (20) people who can drive a truck and need air
24 brake licences and there's only ten (10), we know that
25 we need to do training to bring those other ten (10)

1 people up to that skill. So -- so part of that process
2 is finding out what's available in the communities and
3 identifying where there are gaps.

4 And I -- I've already done a lot of work
5 with the Mine Training Society at Aurora College. And
6 -- and the great thing about the Mine Training Society
7 is they actually come in to the communities and do the
8 training which is the best thing you can do. So that -
9 - that process is already begun with regards to working
10 with the Mine Training Society.

11 The other part of it is working with
12 individuals when they're already in the workforce and
13 helping them get to the next level. And the most
14 important thing a company can do is -- is train its
15 people. So part of our -- of our mine structure would
16 involve having a -- a full-time trainer. And -- and
17 that -- that role is about, you know, helping people
18 get to the next level. And sometimes that's through a
19 formal process like an apprenticeship, sometimes it's
20 through actually job shadowing, allowing people to go
21 from one (1) department to another so they learn
22 different skills.

23 The other way to help people upgrade is
24 -- is actually, you know, give them the tools that are
25 -- that are online. A lot of educational processes to

1 get yourself moving from one (1) level to another is --
2 is online. It's amazing, you don't need to go and sit
3 in a classroom anymore. You can -- you actually get a
4 chance to do it at your own speed and do it when it
5 fits into your schedule.

6 So there's -- there's different ways,
7 but there's certainly two (2) different aspects to the
8 -- the training process.

9 THE CHAIRPERSON: Thank you. Mr.
10 Bayha...?

11 MR. DANNY BAYHA: And one (1) final
12 question, if I may. In your -- in your -- I imagine
13 you would have in your mind certain folks that will be
14 helped if there's issues of training or counselling or
15 some kind of short courses that you can offer some --
16 for your employees during their time off in -- inside,
17 you know, camp. Like some of the mines they seem to be
18 doing that -- like, life skills type of courses.

19 Was that something that has been
20 entertained or thought about? That might be something
21 unique for this set -- setting. Thank you.

22 THE CHAIRPERSON: Thank you, Mr.
23 Bayha. Fortune Minerals.

24 MR. PAT MOLONEY: When -- when we start
25 designing train -- sorry, Pat Moloney, Fortune

1 Minerals. I saw that look.

2 When we get into designing the training
3 programs, there's -- the online is probably the most
4 cost effective manner of doing it. So the programs
5 that you're talking about are -- are exactly the kind
6 of programs that you would want to implement because
7 they're the most cost effective. So, yes, we would.

8 THE CHAIRPERSON: Thank you. Board
9 Member, Danny Bayha...?

10 MR. DANNY BAYHA: Thank you. I had no
11 more questions.

12 THE CHAIRPERSON: Thank you. Board
13 Member, Richard Mercredi...?

14 MR. RICHARD MERCREDI: No more question
15 -- no questions, thanks.

16 THE CHAIRPERSON: Thank you. Board
17 Member, James Wah-shee...?

18 MR. JAMES WAH-SHEE: Thank you, Mr.
19 Chair. I -- I do have one (1) question. Given the
20 experience and history related to Diavik, BHP, and De
21 Beers, they -- they had similar policies regarding
22 socioeconomic benefits to the aboriginal people. So
23 this is not something new.

24 However, the -- in your presentation, it
25 -- it's very clear that opportunities for socioeconomic

1 opportunities are -- and I may -- may be wrong and I
2 stand to be corrected, however, it appears to me that
3 most of the businesses' opportunities in terms of
4 contracts and providing services would go through the
5 Tlicho Investment Corporation which would mean that you
6 would go to through a bottleneck.

7 And -- and then doing so your contracts
8 and business opportunities would be confined to a
9 regional corporation, also confined to the Tlicho
10 community corporations. And as you know, the -- if
11 that was the case then there is no mention whatsoever
12 in your presentation and regards to opportunities or --
13 or even in your policy that you have explained does not
14 mention anywhere where you will entertain or include in
15 your policies regarding Tlicho individual-owned
16 businesses, or for that matter Tlicho family-owned
17 businesses.

18 It's been my experience in regards to
19 the other three (3) operating businesses that most of
20 this has been confined to community and regional
21 corporations. And as, you know, small businesses,
22 particularly in the four (4) communities -- I'm making
23 reference to Behchoko, Whati, Gameti, Wekweeti -- small
24 individually-owned small businesses do not have the
25 necessary resources nor can they compete with community

1 owned corporations and regional corporations.

2 In other parts of Canada individually-
3 owned businesses are given opportunities, but I have
4 not heard that your socioeconomic policies related to
5 services and businesses does not and -- state that it
6 will include Tlicho individually-owned businesses. And
7 what I would like to see is that -- I would like to
8 that stated in your policy very clearly, so that there
9 is no misconception in regards to these businesses
10 confined to only the Tlicho investment corporations and
11 the Tlicho regional corporations.

12 So that is my question. Thank you.

13 THE CHAIRPERSON: Thank you. I'll go
14 to Fortune Minerals.

15 MR. BILL SHEPARD: Bill Shepard,
16 Fortune Minerals Supply Chain Management. I'm actually
17 very glad you ans -- asked that question, because it
18 does lead us into what we have been doing already and
19 what our policies in place are currently already. When
20 we look to develop policies and procedures we look to
21 work in a collaborative measures, and I'm proud to say
22 that our collaborative measures initially were looking
23 internally to ourselves to what we're doing and then
24 reaching out.

25 And we reached out to the Tlicho

1 Investment Corporation, not only for a source of
2 supply, but of sources of resource information to -- on
3 a team effort. I'm also proud to say that we've also
4 worked with the Yellowknives Dene Investment
5 Corporation as well. And we've also participated in
6 conferences such as learning together, which is held in
7 Dettah this past year, on developing regional
8 suppliers, and I'll say the 'mom and pop' suppliers as
9 well as -- with larger corporate suppliers.

10 That is one (1) of the key reasons why
11 we brought on extra support for capacity building, such
12 as the Council for Ab -- Council for Aboriginal
13 Business Support -- Canadian Council for Aboriginal
14 Business, because we were missing that gap in capacity
15 for resources to help the small business to be
16 competitive.

17 So with their help from the TIC, the
18 help from groups like the Yellowknife Dene (sic), the
19 help from the CCAB, we are putting a strong resource
20 pool together to help that small business. We've also
21 met with the GNWT and we worked with them to make sure
22 that they are -- have put a variety of checks and
23 balance, or asked us to put checks and balances in
24 place, to ensure that not only are we looking at Tlicho
25 regional businesses, but that we're looking to support

1 businesses throughout the Northwest Territories.

2 So there are sufficient checks and
3 balances in place internally with Fortune Minerals.
4 Our policies and procedures are on file with the Board;
5 they can be looked at from our purchasing objectives.
6 And we've brought in the proper resources and people to
7 team up with to make sure that we have the proper
8 resources in place to not only make sure that we are
9 behaving as a good corporate citizen, but as we engage
10 suppliers, we look at examples as far as -- as a way to
11 help strengthen that small supplier.

12 As an example -- one (1) of the examples
13 we had worked with the Tlicho Investment Corporation as
14 far as a scenario, that Fortune Minerals has clearly
15 mentioned with the all-season road that we will have to
16 have transportation to our mine site back and forth on
17 a regular basis. Fortune Minerals is not a bus
18 company, nor are we in that -- that type of business.

19 So we approached the Tlicho Investment
20 Corporation: What happens if that entrepreneur wants
21 to start up a busing company? What resources are in
22 place that that person can be a good supplier to me?

23 Awarding the contract is the easy part
24 of my job. Make sure -- making sure the supplier is
25 sustainable three (3), four (4), five (5), six (6)

1 months down the road, that's the hard part of my job.
2 So what resources are in place locally to help that?
3 So the Tlicho Investment Corporation, CCAB and others
4 have come together to help that person to not have to
5 be under the Tlicho Investment umbrella, but they would
6 be there as a resource to help the person be
7 successful.

8 So thank you for your question. And I -
9 - I am very proud to say we have put those checks and
10 balances in place to help that small business, not only
11 locally, but regionally in the Northwest Territories.

12 THE CHAIRPERSON: Thank you. Mr. James
13 Wah-shee, any further questions?

14 MR. JAMES WAH-SHEE: Mr. Chair, I'd
15 like to thank you very much for answering my question
16 and I'm happy with your response. Thank you.

17 THE CHAIRPERSON: Thank you. Mr. John
18 Curran...?

19 MR. JOHN CURRAN: Thank you, Mr.
20 Chairman. First off, just something that I picked up
21 from the presentation about Evergreen contracts, life-
22 of-mine contracts. I -- I just want to commend you. I
23 think that is another great step to give that small
24 business person the -- the assurance they need to make
25 the investment, to gain the capacity to be able to

1 service the mine and benefit from the development.

2 A question for you in terms of tendering
3 processes that you -- you'll be using for -- for non-
4 life-of-mine contracts: Will there be any bid
5 adjustments put in place to support northern and
6 Aboriginal-owned businesses within your procurement
7 strategy? Thank you.

8 THE CHAIRPERSON: Fortune Minerals...?

9 MR. BILL SHEPARD: Bill Shepard,
10 Fortune Minerals. Yes, we'll be looking at not only
11 the price as far as when adjusting -- as far as
12 evaluating the bid, we'll be looking at the contract as
13 a whole. We've already accepted bids for some of the
14 small things we've been doing in the exploration phase
15 of the contract, that from a pure dollars and cent --
16 cent standpoint, we picked contracts, or awarded
17 contracts, for not being the lowest bid, but being the
18 most cost-effective for all the services they provided.
19 And we do realize that, due to the location, to the
20 northern challenges they may have, they may have
21 different challenges as far as a southern supplier, as
22 an example, as far as access to the southern markets
23 and volume, what have you.

24 And we have chosen in those cases to
25 maintain the business in the North, even though it may

1 be a slight financial impact to Fortune. But we felt
2 it was the best way to bring capacity to the community,
3 and it has a better spin off effect by helping that
4 business buy locally as well, for their supply as well.
5 So, "yes", is the answer.

6 THE CHAIRPERSON: Thank you. John
7 Curran...?

8 MR. JOHN CURRAN: Thank you, Mr.
9 Chairman. In the interest of transparency, is there a
10 set number that is used in terms of how much higher a
11 northern business or an Aboriginal-owned business from
12 your impacted area could be versus a southern supplier?
13 Thank you.

14 MR. BILL SHEPARD: Bill Shepard,
15 Fortune Minerals. We've been asked to entertain that
16 number. What we've seen to date with the contracts we
17 had been offering, it's been within 5 percent is the
18 number we've seen. And we've asked to probably
19 maintain that -- that difference. But even with that
20 difference there, we -- it goes beyond just simple
21 dollars and cents. We find that the northern supplier
22 brings a special nuance or level of service that the
23 southern supplier cannot.

24 Our business is very dynamic at best, at
25 most of the times. You can see even from the hearings

1 the last few days this has been a very dynamic
2 experience as well. I find the northern supplier is
3 best suited to handle that dynamicness (sic) in our
4 business, and that would lean us to -- to look beyond
5 simply a percentage difference and -- and money when
6 awarding a contract especially.

7 THE CHAIRPERSON: Any more questions,
8 John Curran?

9 MR. JOHN CURRAN: Yep. I'm just
10 curious, I know from Board member Danny Bayha's region
11 in Sahtu, with some of the development that's occurring
12 there, one (1) of the ways that developers have been
13 able to ensure they're dealing with -- with companies
14 that have made a true equity investment in their
15 business, they've set up a business registry where they
16 can sort of weed out some of the paper tigers that
17 litter the -- the northern corporate registries, and --
18 and focus on companies where they've made true
19 investments in -- in providing services. Has there
20 been any contemplation of -- of that sort of
21 initiative, or some other check and balance to -- to
22 make sure you're dealing with true companies and not
23 just storefronts or telephone booths?

24 MR. BILL SHEPARD: Bill Shepard,
25 Fortune Minerals. Yes, Fortune Minerals is maintaining

1 a database for the current suppliers that we have now.
2 We have in upwards of five hundred (500) suppliers that
3 we currently do business with across the board for both
4 of our projects, both here and both in our BC projects,
5 and also in our corporate office. What we do is we
6 maintain their status and their bio, their company bio,
7 to make sure they're meeting our corporate goals and
8 needs.

9 The next question naturally will be what
10 are those corporate goals and needs to be a good
11 supplier or be a good company. That's, once again, the
12 -- the resource where the Canadian Council for
13 Aboriginal Business comes into play, is we're looking
14 at how we are conducting business as a company.
15 Fortune Minerals is, I'm proud to say, in the process
16 of receiving a PAR designation from the council, which
17 means progressive -- or positive -- or progressive
18 Aboriginal relations. And we're receiving an award
19 actually later on in the month of September in BC to
20 that effect to -- achieving that special designation.

21 So in that end, we are looking at other
22 PAR designated companies to have assistance and
23 procedures in place that are Aboriginal friendly and
24 also have Aboriginal policies in place in dealing with
25 companies that are from the North as well, especially.

1 So we have vetting process we're putting
2 in place. And we've asked for some external expertise
3 through the CCAB, as an example, to help us make sure
4 that we are asking the right questions and vetting
5 those suppliers effectively, and maintaining a good
6 supplier database.

7 One (1) of those such examples is we are
8 using a supplier for industrial supplies here in
9 Yellowknife. And we have switched some of our
10 suppliers, for example, to a northern industrial supply
11 because that is a First Nations owned business from
12 Inuit (sic). And we're making some business decisions
13 such as that with our supply base currently from our
14 day-to-day needs, as well.

15 So we are currently going through our
16 current suppliers to make sure that they weren't
17 grandfathered into our -- our process, that they too
18 will be held accountable to make sure they have
19 progressive and positive Aboriginal relations as well.

20 THE CHAIRPERSON: Thank you. John
21 Curran...?

22 MR. JOHN CURRAN: Great. Certainly
23 CCAB is a very well-respected organization and I
24 commend you on working with them. No further
25 questions.

1 THE CHAIRPERSON: Thank you. Rachel
2 Crapeau...?

3 MS. RACHEL CRAPEAU: Thank you, Mr.
4 Chair. On Monday we heard some young mothers and some
5 community people talk about the possibility of
6 socioeconomic benefits that will benefit the community.
7 But there could be some downside to the economic
8 development opportunities.

9 And I remember a while ago, Alice Able
10 (phonetic), she runs the health and social program for
11 the Yellowknives Dene, and I see lots of Elders all go
12 there and they can talk to her in Tlicho and she
13 understands and respects the Elders, and they can talk
14 to her if they have any concerns about their family and
15 the young people who work in the mine site. Back some
16 time ago the idea was planted in -- in the heads of
17 mine owners to maybe think about offering a -- a
18 community could offer employee assistance programs to
19 mine, whereby people can help each other in their own
20 language. This way, maybe some concerns could be
21 alleviated.

22 I was especially touched by the mothers
23 who had concerns for their children and the future,
24 maybe downsides of what could happen when a mine is
25 built nearby. And I'm speaking also because our people

1 in Dettah and N'Dilo have seen a lot of the downsides
2 of a mine being nearby and the money that gets made.

3 So if there was a place for -- the young
4 people could -- could go to, like a Tlicho health or
5 counselling services that was done in the languages,
6 their own language, could -- could you, as a company
7 consider contracting out this kind of services to the
8 community rather than a counselling company in
9 Yellowknife or somewhere else? That's what I was just
10 wondering about, because we're talking about the future
11 health of the people. Thank you.

12 THE CHAIRPERSON: Fortune Minerals...?

13

14 (BRIEF PAUSE)

15

16 MR. PAT MOLONEY: Pat Moloney, Fortune
17 Minerals. With regards to a family and -- and employee
18 advisory -- or counselling program, that is in our --
19 part of our plans already.

20 With regards to how that would -- who --
21 what company we would bring on board to do that
22 program, we are -- we're open to who that company is as
23 long as they are -- I think one of the comments earlier
24 was not a telephone booth or a -- you know, they --
25 they would have to be vetted, I guess, made sure that

1 they can do the job properly.

2 So it would probably -- it's really just
3 a matter of if the -- if the people -- if the Company
4 is there that's competent to do the job then we would
5 be -- certainly be open to it. And we certainly want
6 to ensure that whatever company is doing it has the
7 ability to work in multiple languages so that people
8 who are calling looking for help can speak in their own
9 language.

10 THE CHAIRPERSON: Okay. Thank you.
11 Any further questions, Rachel Crapeau?

12 MS. RACHEL CRAPEAU: I don't have any
13 further questions. But the Tlicho government here, the
14 community people here do have a friendship centre, and
15 from what I understand they do provide counselling
16 services to the people in the communities here. Plus,
17 they've done some workshops in Yellowknife whereby
18 people have gone to their workshops, and from what I
19 heard from the people who attended their workshops, it
20 was very helpful, especially in the areas of
21 counselling aftermath the residential school
22 experiences.

23 So I'm hopeful that we try our very best
24 for the Tlicho, for -- for us and the Company. Thank
25 you.

1 THE CHAIRPERSON: Okay. Thank you.

2 And this concludes the questions. But before I go
3 forward, yesterday and today I mentioned that I'd like
4 to continue to recognizing past leaders in our audience
5 and so on. Yesterday I overlooked a former grand
6 chief, also for the Tlicho region. I want to recognize
7 Alfonz Apple (phonetic), who is also the former Grand
8 Chief of the Tlicho region. He's in the back.

9 And this morning when I did my opening
10 comments I had mentioned that we're going -- we have an
11 agenda that we're going to stick for today. We made
12 some changes and we have to stick to that agenda.

13 And the other thing, too, is that I also
14 had said that if -- if we -- we put questions down to
15 three (3), and -- and we also said that three (3) --
16 three (3) questions, and -- and keep it short and
17 brief, and direct, and that's what I also asked this
18 morning.

19 And the other thing is that, you know,
20 when -- I think we're going to go till 4:00 today. And
21 we also set a date -- a day already aside for when we
22 come back in October 10 and 11, a day for -- to
23 accommodate the Tlicho on their TK report, but also
24 there's time in there, too, where we just want to
25 concentrate on -- on the questions from the community.

1 So we're going to do as best we can to listen to what
2 we can here today, and if we -- we're not able to
3 accommodate them then we're going to put -- we're going
4 to try and address it on that day.

5 So I'm going to move forward. I'm going
6 to go to the Tlicho government on their socioeconomic
7 presentation.

8 MR. BILL ENGE: Mr. -- Mr. Chairman,
9 Bill Enge here with the North Slave Metis Alliance.
10 You may have noticed that I was missing in -- when --
11 when our turn came up to ask the proponent some
12 questions in regards to their presentation. I was
13 unavoidably delayed, as I have other responsibilities.
14 And I'm just wondering if the -- the Chair would allow
15 me to take my turn to ask the proponent a question?

16 THE CHAIRPERSON: At this time I'm
17 going to say "no", and I'm going to ask you to put your
18 question in writing and send it to Fortune Minerals.
19 That letter will be put on my registry -- our registry,
20 and then you guys can respond back to his question on
21 the registry. And -- and I said that this morning, as
22 well, to the people here, that I -- I -- you know, we
23 all have ten (10) questions or fifteen (15). I said,
24 Take your best three (3), then put it in three (3).

25 But I said if you had more questions, I

1 mentioned this morning, again, put it in writing.

2 It'll be posted on our registry. And whoever you're
3 going to write to, they will respond back to that so
4 it's on the record.

5 So -- because of a matter of time, we --
6 we have to stick to the agenda I mentioned this
7 morning. So I'm going to -- Mr. Enge, I'd like to
8 entertain that, but that would be my suggestion to your
9 -- your issuing your concern. Thank you.

10 MR. SHAFIC KHOURI: Mr. Chair, Shafic,
11 ENR. I believe you may have forgotten to ask a few
12 parties if they had questions for Fortune Minerals'
13 socioeconomic presentation.

14 THE CHAIRPERSON: I did, and
15 unfortunately if you're not in the room this applies to
16 you, too, as well.

17 MR. SHAFIC KHOURI: Shafic, ENR. I
18 believe we were in the room the whole time. Could have
19 possibly been -- been missed? Thank you.

20

21 (BRIEF PAUSE)

22

23 THE CHAIRPERSON: You were in the room?

24 MR. SHAFIC KHOURI: Shafic, ENR.

25 That's correct.

1 (BRIEF PAUSE)

2

3 THE CHAIRPERSON: Okay. Sorry, if you
4 were in the room, and if we missed you, and -- then
5 please proceed.

6

7 (BRIEF PAUSE)

8

9 MR. SHAFIC KHOURI: Shafic, ENR. Just
10 one (1) minor request to Fortune, and my colleague here
11 has two (2) questions, and then I had possibly one (1)
12 housekeeping question, but I'll leave that to the
13 Chair, if I can ask that.

14 Just, first, a minor question. I
15 believe the presentation that's posted online differs
16 slightly from the one that may be shown today, maybe
17 the last couple slides in all. I'm just wondering, is
18 -- would we possibly be able to just get that re-
19 posted, submitted to the registry?

20 MR. PAT MOLONEY: Pat Moloney, Fortune
21 Minerals. The presentation we did was the shorter
22 version. We had two (2) versions. There was a -- a --
23 there's a longer version. I think this is the one that
24 is on the registry.

25 MR. SHAFIC KHOURI: They're the same

1 slides, though?

2 MR. PAT MOLONEY: That's the same
3 slides, just with a couple more.

4 MS. LAURIE MORIN: Hello, my name is
5 Laurie Morin. I'm from the Department of Education,
6 Culture and Employment. I have two (2) questions. The
7 first is: I understand that approximately 20 percent
8 of the labour will come from outside of the NWT. Are
9 there any southern pick-up points; is my first part of
10 that question?

11 And the second is: If there isn't will
12 you be rec -- will they be receiving any supplementary
13 travel allowance to get to the NWT?

14 THE CHAIRPERSON: I'll go to Fortune
15 Minerals.

16 MR. PAT MOLONEY: Pat Moloney, Fortune
17 Minerals. Right now our current plan is the most
18 southerly pick up point would be Yellowknife. And we
19 haven't yet made any firm decision about any kind of
20 subsidies for -- for travel allowance.

21 THE CHAIRPERSON: Thank you. I'll go
22 back to GNWT.

23 MS. LAURIE MORIN: My last question is
24 -- Laurie Morin, again -- there was a labour force
25 survey completed, I understand, from the Information

1 Request response, to help address employability
2 challenges. I -- I wonder if you might provide some
3 more details, or if it's a report submitted to the
4 registry?

5 THE CHAIRPERSON: Thank you. To
6 Fortune Minerals for your final question. Sorry, GNWT.
7 I'm going to Fortune Minerals.

8 MR. PAT MOLONEY: Pat Moloney, Fortune
9 Minerals. That was something that was discussed during
10 the -- the technical hearings, but it is not something
11 that has been done. The one (1) thing I can say is
12 that one (1) of the things that we are moving forward
13 to do is, through the socioeconomic, is working with
14 the Tlicho Government to do some -- plan -- plan out
15 some processes to get that kind of information.

16 As a matter of fact, I spent yesterday
17 afternoon working with Bertha Black (phonetic). Bertha
18 Black is the HR coordinator for Behchoko. And I wanted
19 just to tap into her knowledge, because her full time
20 job is -- is helping Tlicho citizens here in Behchoko
21 find work. And I actually talked to her about how she
22 saw a process evolving, where we could get a sense of -
23 - of who in the communities would be interested in
24 working for Fortune Minerals and what their skill-sets
25 are.

1 And -- and, in her role, she has resumes
2 for everyone on file. All -- all the people that are
3 looking for work, are working, so even the people that
4 work in the diamond mines, she's got their resumes on
5 file. She's -- she's got her finger on the pulse.

6 And -- and her thought was that to do
7 some form of a recruitment drive. So basically give
8 her the information of the -- the job, the job
9 responsibilities, and the types of skills and
10 requirements, certificates, or whatever, that would be
11 needed for the jobs. She would then go through a
12 process of communicating that to the people in the
13 community in Behchoko. I would then come to the -- to
14 Behchoko on -- on that -- on that date and then just
15 start meeting with people and gaining that information
16 about who's in -- you know, who's -- who's available,
17 who's interested.

18 Obviously, it's not a perfect situation.
19 Our -- our ongoing struggle is the lack of a -- of a
20 firm start date. So it's not going to be a perfect
21 picture of what's -- what we have, but it's a starting
22 point.

23 So her feedback was start in that way,
24 get a sense of who we've got, know what those skills
25 are, what they can do, what they can't do, and that

1 would then help us start working towards, you know,
2 what the gaps are and what kind of training we would
3 need to do to get people up to speed to -- to fill in
4 those other jobs, so.

5 THE CHAIRPERSON: Thank you. Is there
6 a follow-up question?

7 MR. SHAFIC KHOURI: Mr. Chair, Shafic,
8 Government of the Northwest Territories. Just possibly
9 requesting a undertaking for the GNWT regarding
10 yesterday's wildlife presentation. We were asked to
11 provide our recommendations in writing today. And I'm
12 just wondering if we could have an undertaking to pro -
13 - to provide those sometime next week? Thank you.

14 THE CHAIRPERSON: And that -- the
15 undertaking is -- is by Fortune Minerals?

16 MR. SHAFIC KHOURI: Shafic, Government
17 of Northwest Territories. Sorry, that was to -- that
18 was for the Government of Northwest Territories to
19 clarify it's recommendations to the Board. Thank you.

20 THE CHAIRPERSON: Okay, thank you.
21 And, Mr. Donihee, when -- we're keeping track of that,
22 but go ahead, Mr. Donihee.

23 MR. JOHN DONIHEE: John Donihee, for
24 the Board. Certainly, Mr. Chairman. Undertaking
25 number 3 then will be for the Government of the

1 Northwest Territories to provide the recommendations
2 made during the wildlife session on August 30th, to
3 file those with the Board in writing by early next week
4 good enough? September 4th, 5th -- September 5th.
5 Thank you.

6

7 --- UNDERTAKING NO. 3: GNWT to provide the
8 recommendations made during
9 the wildlife session on
10 August 30th, by September
11 5th

12

13 THE CHAIRPERSON: You agree -- GNWT,
14 you agree for that -- to that for the record?

15 MR. SHAFIC KHOURI: Shafic, Government
16 of Northwest Territories. Thank you very much, that's
17 great.

18 THE CHAIRPERSON: Thank you. Before I
19 go to the Tlicho presentation, again, you know, I
20 overlooked you even though you were in the room, just
21 so that my comments, you know, to -- to the North Slave
22 Metis saying "no" to them because they weren't in the
23 room, this also applied to the Tlicho as well. And
24 they weren't in the room and they also -- I asked and
25 then they weren't here, so I continued on in that

1 order. And I made a note of it this morning that, you
2 know, we all agreed to these times, so not only to the
3 North Slave, it also applied to the Tlicho this
4 morning, as well. And there were other people in the
5 room I think I -- I asked, they weren't here.

6 So with that, I'm going to continue on.
7 The next presentation on the socioeconomic is the
8 government -- sorry, the Tlicho Government. I'm going
9 to turn it over to the Tlicho Government. Masi.

10

11 SOCIOECONOMIC - PRESENTATION BY TLICHO GOVERNMENT:

12 DR. GINGER GIBSON: Masi cho. Ginger
13 Gibson for the Tlicho government. In -- in respect of
14 the time-frames, we're going to make our presentation
15 much shorter than what is provided to the public
16 registry, and -- and knowing that we want to get this
17 afternoon to -- the opportunity for public comment to
18 be made.

19 We're -- we're really -- it was good to
20 hear the presentation of the Company this afternoon,
21 and we are pleased to hear that the Company is meeting
22 with Bertha Black, and with the career development
23 coordinators. That's excellent news.

24 And -- and we know that socioeconomic is
25 a -- is an area that requires lots of work and -- and

1 attention now, so we're pleased to see that happening.
2 We're also pleased to see the Company now committing to
3 work with the Tlicho Government, to look at the very
4 pot -- this -- the potential impacts of in and out
5 migration, which we brought to the Company as an issue.
6 They responded that they would work on it, and we're
7 pleased to be starting a process now to work with them
8 on this really important component, because we believe
9 that if even ten (10) families move to Whati in order
10 to access work that this could have very serious
11 impacts on community infrastructure and -- and social
12 services. So we are -- we're pleased to be moving
13 forward on this topic.

14 One (1) of the -- the areas we've --
15 we've worked on, and -- and are interested in is that -
16 - and we're -- again we're pleased to see the Company
17 moving forward with car -- career development officers,
18 because they do have -- in the community they have
19 their finger on the pulse of what's going on with the
20 labour force.

21 We do believe that it's very important.
22 We've got three (3) operating mines in the territory,
23 and there's really good information from those mines
24 about lessons learned, but there's also really good
25 information from the career development officers.

1 We are looking forward to -- to
2 understanding better where the Company thinks that they
3 can get to with respect to hiring targets. We are
4 concerned if the targets are -- if -- if we -- you
5 know, our estimates right now is that anywhere from
6 forty (40) to seventy (70) people could be hired that
7 are Aboriginal, and -- and so we'd like clarification
8 on that, and we'd like to move that up as much as
9 possible.

10 If this mine is to go ahead, it is
11 absolutely critical that as many Tlicho people be hired
12 in as many different positions, and in -- in as high of
13 senior management or management positions as possible.
14 And so we'd like to really work carefully on this area
15 of the -- the barriers that have to be tackled right
16 now, and no better place to tackle them then in and
17 with the Tlicho government, and so we'll look forward
18 to working on this together.

19 One (1) of the gaps we've identified is
20 that if we have few employees that are Tlicho people
21 living in the communities, the Tlicho government itself
22 cannot benefit from taxation. Taxation dollars come to
23 Tlicho government through community members that are
24 living in one (1) of the four (4) communities that are
25 employed. And so the -- the employment targets

1 themselves have a direct impact on Tlicho Government
2 taxation and revenue: the ability to tax and the
3 revenues.

4 And so because we haven't had clear
5 understanding of where the targets are going to be or
6 how -- how they can realistically be set, because there
7 is no labour force data -- data, we've been having a
8 hard time estimating ourselves for -- how much revenue
9 this could bring -- the proposed development could
10 bring to the Tlicho government. It's an area where
11 we're missing information and we -- we are looking
12 forward to getting better information on this
13 component, so that the Tlicho Government can make a
14 good judgment on this question.

15 I'm going to turn briefly to Janelle
16 Nitsiza who's going to make a very brief presentation
17 on the potential impact on the use of the road in
18 Whati.

19 MS. JANELLE NITSIZA: My name is
20 Janelle Nitsiza. I'm eighteen (18) years old and I'm
21 from Whati. And my grandparents are Johnny and Dora
22 (phonetic) Nitsiza.

23 I'm here today to share with the Review
24 Board, Fortune Minerals Limited, and the people of
25 Behchoko my thoughts about what will happen to my

1 community socially if the mine were to go through.

2 Being a young adult myself I know the
3 things that go on in my community when it comes to
4 drugs and alcohol. We're already getting them in
5 through airplanes and motorboats. Imagine what will
6 happen and how much easier it will be to sneak it in
7 when the road goes ahead. There will be young people
8 skipping school to feed their addictions. They won't -
9 - they don't have time to live the best of both worlds,
10 meaning culturally and educationally. I know this for
11 a fact because I've seen it happen to some of my
12 friends and peers.

13 The crime rate will go up. In Whati --
14 in Whati when you hear about young people drinking or
15 doing drugs you can guarantee that there will be a
16 fight or some sort of drama; drama that could have been
17 avoided if drugs and alcohol weren't so easy to access.
18 A couple of weeks ago three (3) of my cousins were
19 drinking. It got so bad I thought I would -- I thought
20 I lost one (1) of my closest family members. He was
21 just lying there on the ground not moving, all because
22 of miscommunication over alcohol.

23 When the ice road is open from Whati to
24 Yellowknife, Whati is practically a ghost town. You
25 see more people on the ice roads than you see them with

1 their children, or even at home. That being said,
2 children will be neglected, when really they should be
3 a priority. But sometimes our addictions are stronger
4 than we are. The amount of children under social
5 service -- social services will rise.

6 We are the future. You should be -- we
7 should be treated with respect and should be raised the
8 right way just as our parents were. My fear is that
9 the all-season road will take that -- will take that
10 away from the future generation.

11 I grew up without an all-weather the
12 road. I was raised by my grandparents. They raised me
13 to -- to the best of their abilities. I want my
14 children and their friends to see that as well.

15 I'd like to thank you all for listening
16 to me. I wanted to share what I've seen and what I
17 think will happen to Whati if the road -- road were to
18 go. Masi cho.

19 THE CHAIRPERSON: Thank you for your
20 presentation.

21 DR. GINGER GIBSON: In closing, Mr.
22 Chair, the Tlicho government has identified in our
23 presentation that's on the public registry many
24 information gaps which we are actively working on right
25 now. We're looking forward to a much stronger

1 engagement with the Company on these questions.

2 We will be looking to the GNWT. We will
3 be looking to the Company to assist in mitigation
4 areas; areas like Whati infrastructure, health, social
5 services. We'll be looking to see what kinds of
6 protections can be put in place so that that community
7 can stay strong for people like Janelle and the
8 families that live there in that community. We're
9 going to be looking to maximize employment and business
10 opportunities if this proposed mine goes ahead, to
11 strengthen training and education, to protect for the
12 social, economic, and cultural risks.

13 And a closing comment on the mitigation
14 measure that Board Member Rachel Crapeau was
15 discussing; we've heard from all of the diamond mines
16 that in your own language counselling and on the land
17 counselling is what is needed for people who are -- are
18 struggling or having or wanting to speak with somebody
19 so that they're not speaking -- that they have the --
20 the right to choose what kind of counselling or what
21 kind of employment family assistance program is
22 available for them.

23 And so we strongly support that -- that
24 approach that was suggested by Board member Rachel
25 Crapeau. And we're looking forward to identifying for

1 the closing argument the strong mitigations that should
2 be in place to ensure that, if this development goes
3 ahead, that Tlicho people have -- experience a great
4 deal of benefits and are protected from the risks.

5 In closing, Mr. Chair, we are -- we are
6 seeing movement on this issue and -- and we are going
7 in the right direction. Masi cho.

8

9 QUESTION PERIOD:

10 THE CHAIRPERSON: I want to thank the
11 Tlicho for doing their presentation on the
12 socioeconomic part of the presentation. And I want to
13 thank the young lady there for doing your comments.
14 And it was really good to hear that. Masi.

15 I'm going to go into questions. I'm
16 going to go from the top down. I'm going to go to
17 Fortune Minerals.

18 Is there any questions to the Tlicho
19 government on their presentation of the socioeconomic?

20 MR. PAT MOLONEY: Pat Moloney, with
21 Fortune Minerals. No questions, Mr. Chairperson. And
22 we're positive about the -- the engagement as well.
23 Thank you.

24 THE CHAIRPERSON: Thank you. I'm going
25 to go to the Yellowknives Dene First Nation. Is there

1 any questions for the Tlicho on their presentation?

2 MR. TODD SLACK: Todd Slack. Excuse
3 me. Todd Slack, Yellowknives Dene. No questions. But
4 thanks very much to the young woman; that's a very
5 strong -- very strong voice.

6 THE CHAIRPERSON: Thank you. I'm going
7 to go over to the North Slave Metis Alliance.
8 Questions for the Tlicho on their presentation?

9 MR. BILL ENGE: Thank you, Mr.
10 Chairman. I can empathize with the Tlicho people with
11 respect to the impacts that this mine will have on the
12 people should it go ahead because we share in this
13 region the same impacts from other mining developments.

14 And I would like to also support their
15 wish to have additional mitigative measures put in
16 place for social impacts should and when they happen.
17 Thank you.

18 THE CHAIRPERSON: Thank you. I'm going
19 to go over to -- the next one (1) I have on the list is
20 the Government of Northwest Territories. For the --
21 okay.

22 MS. LORI MARTIN: No questions.

23 THE CHAIRPERSON: Thank you. Your
24 name?

25 MR. SHAFIC KHORI: Shafic, Government

1 of the Northwest Territories. No questions. Thank you
2 very much.

3 THE CHAIRPERSON: Okay. And thank you.
4 I'm going to go to Aboriginal Affairs Canada. Oh,
5 sorry, are they here?

6 MR. PAUL GREEN: It's Paul Green, with
7 Aboriginal Affairs. We have no questions.

8 THE CHAIRPERSON: Okay, thank you. I'm
9 going to go to the Review Board staff. Go ahead.

10 MR. CHUCK HUBERT: Thank you, Mr.
11 Chair. Chuck Hubert, with the Review Board. Just one
12 (1) question for Tlicho government.

13 I'm interested on what the status of
14 ongoing collaboration with Fortune Minerals is on --
15 towards the socioeconomic procurement.

16 THE CHAIRPERSON: Thank you. I'm going
17 to go to the Tlicho government.

18

19 (BRIEF PAUSE)

20

21 DR. GINGER GIBSON: Masi cho for your
22 question. Mr. Chair, we have -- we are seeking
23 direction from the Tlicho chiefs on this question.

24 THE CHAIRPERSON: Okay. And tell --
25 once you get that back, then you'll let us know. I'm

1 going to go to the Board members. I'm going to go to
2 my far left, Percy Hardisty...?

3 MR. PERCY HARDISTY: Masi, Mr. Chair.
4 No questions.

5 THE CHAIRPERSON: Thank you. Rachel
6 Crapeau...?

7 MS. RACHEL CRAPEAU: Masi cho, Mr.
8 Chair. No questions.

9 THE CHAIRPERSON: Thank you. Danny
10 Bayha...?

11 MR. DANNY BAYHA: Thank you, Mr. Chair.
12 I just had a question more or less. You said you had
13 some issues with -- and -- and I'm glad to hear that,
14 you know, you're comfortable and you're happy with some
15 of the progress that's been made, some of the
16 agreements and -- could some of this stuff that you
17 require, some mitigation measures that you identified
18 such as employment, training and education, maybe
19 social issues, maybe counselling in your own lang -- in
20 your own language or -- could that be something that
21 would be covered in an agreement directly with the
22 Company like a socioeconomic agreement.

23 Would that be something that at another
24 venue that possibly could be looked at or have you
25 discussed it or given some thought? Thank you.

1 THE CHAIRPERSON: Thank you. I'm going
2 to go to the Tlicho government.

3 MS. GINGER GIBSON: Masi cho for the
4 question. In some form of agreement those issues could
5 be treated. Yes. Masi.

6 THE CHAIRPERSON: Danny Bayha...?

7 MR. DANNY BAYHA: Thank you. No
8 further questions.

9 THE CHAIRPERSON: Thank you. I'm going
10 to go to Richard Mercredi.

11 MR. RICHARD MERCREDI: Thank you, Mr.
12 Chair. No questions.

13 THE CHAIRPERSON: Okay. Thank you.
14 James Wah-shee...?

15 MR. JAMES WAH-SHEE: I -- I have --
16 before I ask a question, I like to thank the Tlicho
17 government for their presentation and the views and
18 comments that was expressed by the young lady from
19 Whati. Now my -- in the presentation I believe I saw
20 what the percentage of the Tlicho laid before us in the
21 Fortune mines.

22 Given the past history of the other
23 three (3) mines: BHP, Diavik, De Beers regarding the
24 percentage of the -- particularly pertaining to Tlicho
25 workforce. I believe in the IBA agreements with the

1 three (3) diamond mines there was a percentage that was
2 agreed to by the Tlicho nation at that time.

3 Tlicho government as such did not exist
4 at that time. However, the IBA with the diamond
5 companies I believed they reached an agreement of a
6 certain percentage. I don't specifically recall the
7 exact percentage. I think it was somewhere between 25
8 and 30 percent.

9 However, at the beginning the discussion
10 between the Tlicho nation and the three (3) companies
11 at the initial discussion stage, it seems to be a
12 cooperative arrangement at that time. However, since
13 the agreement was made and the Tlicho nation encouraged
14 a number of Tlicho people to work in those mines and
15 getting into a proper training and so forth.

16 So at the beginning I think there was a
17 lot of support from the diamond mine companies and also
18 with the back up of the Tlicho nation. However, after
19 the agreement was made and -- and then at the -- at the
20 initial stage there was quite a few Tlicho people that
21 were given an opportunity to work, but over the years a
22 lot of our people were discriminated against in the
23 mines; particularly, by the southern workers that were
24 hired by these mining companies.

25 Preference was supposed to be given to

1 aboriginal people in terms of training and permanent
2 employment, but that scenario turned out to be -- to
3 have a negative impact on the -- particularly in this
4 area, the Tlicho workers.

5 We all know what happened in Diavik, BHP
6 and De Beers. Over the years at the beginning you may
7 have had maybe 20 percent, but currently if you look at
8 the Tlicho people that work in Diavik, for instance, I
9 believe the last one (1) was let go.

10 And in terms of promotion and so forth,
11 preference again was given to the -- particularly the
12 workers that were brought in from the south, from a
13 variety of provinces, from Newfoundland to BC, I
14 believe.

15 So I think good intentions are good
16 intentions. However, in practical terms given the
17 amount of southern workers that are being brought in,
18 they, in the end, were given preference and the
19 Aboriginal people were let go. That is something that
20 we all know. It's not something that we are making up
21 here. It's part of our experience as Aboriginal people
22 with the mining industry.

23 So -- so given the presentation, I am
24 rather sceptical that if you agree to 30 percent, or
25 even 50 percent, I'm not sure that that percentage will

1 be sustained throughout the life of the mine given the
2 past history of the mining industry in our backyard and
3 in -- in particular in this region.

4 So my question is: How is this
5 agreement going to be negotiated between the Tlicho
6 government and Fortune Minerals to ensure that the past
7 history and experience will not reoccur, particularly,
8 with this particular mine in the backyard of the Tlicho
9 nation period? Thank you.

10

11 (BRIEF PAUSE)

12

13 THE CHAIRPERSON: Thank you, Mr. James
14 Wah-shee. I'm going to Tlicho government.

15 DR. GINGER GIBSON: Masi, Mr. James
16 Wah-shee, for your -- your intervention. It's -- it's
17 very powerful what you've said and -- and we work very
18 closely on these issues because we manage the
19 negotiation -- we manage the implementation of the
20 three (3) existing agreements that are held with mining
21 companies and we do have lessons learned that we think
22 are very critical for moving forward on precisely this
23 question.

24 When you say that there are targets in
25 those agreements, there are targets in some of the

1 agreements. And some of those targets are very
2 disappointing now, because they have been slid back
3 from.

4 The company starts out with very good
5 intentions, but the reality sometimes of -- that --
6 that those preferential moments happen becomes a -- it
7 -- it has become a reality in many of the companies.
8 And so we do see backsliding from the targets. And
9 when you see targets not being met, it is very
10 disappointing for the -- for the Tlicho government.

11 So we want to see -- that's why we've
12 been asking for realistic labour force studies that
13 help us understand just what the population needs are
14 for who's available for lab -- for work and what the
15 barriers are for them.

16 But once we have negotiation --
17 negotiated agreements, we want to see better mark --
18 benchmarks and milestones in those so that if there are
19 targets they're not just targets, but they actually
20 have a series of steps to them as well as a -- a
21 penalty should they not be met.

22 And sometimes when I talk about penalty,
23 it means more -- if you don't hit the target, at least
24 you put more funding or training -- into education and
25 training, so that the people that are not hired are

1 given -- getting -- given the -- or, getting the skills
2 that they need to -- to hit the mark.

3 We -- we really do see a need for
4 support for workers at the site. The more Tlicho
5 people that are -- are at the site, the more comfort
6 they will feel being there. But also, they need
7 support in their jobs and they need support for lateral
8 and upward movement. And that's something that we have
9 very strongly made the point that there is very little
10 upward movement of Tlicho people in the three (3)
11 operating diamond mines. And we'd like to see much
12 more of that. I'll turn to my colleagues to see if
13 there is any other comments. Masi.

14 THE CHAIRPERSON: Thank you. Mr. James
15 Wah-shee, did you want to -- any further comments or
16 any questions?

17 MR. JAMES WAH-SHEE: Just one (1) more
18 question in regards to what I have stated.

19 It's not only concerning the hiring of
20 the Tlicho people in the labour force: truck drivers,
21 big machine operators, and so forth. My question also
22 includes to ensure that Fortune Minerals consider
23 training and hiring Tlicho people in management
24 positions as well.

25 To be part of the labour pool is one (1)

1 thing, but I think it's about time that we encourage
2 our people to get into management training. It's one
3 (1) thing to ri -- to drive a truck, but it's another
4 thing to manage other people who are in the workforce.
5 Thank you. That's just a question, if you wish to
6 respond. Thank you.

7 THE CHAIRPERSON: Thank you. We'll go
8 to the Tlicho government.

9 DR. GINGER GIBSON: Masi cho for the --
10 the comment. We -- we wholly agree that -- and -- and
11 have identified this as a critical issue with the
12 operating diamond mines, that there be manage --
13 movement up through training.

14 We're pleased to see that the -- the new
15 CEO for the Tlicho Investment Corporation has that
16 commitment and that background himself, and -- and is -
17 - is encouraging people that are within the -- the
18 Tlicho Investment Corporation businesses himself,
19 encouraging them with that kind of training. So it's
20 very much a supported endeavour in the -- in -- for the
21 -- for the Tlicho government, and we're supporting the
22 companies in that effort. Masi.

23 THE CHAIRPERSON: Thank you. Mr. John
24 Curran...?

25 MR. JOHN CURRAN: Thank you, Mr.

1 Chairman. A question for Janelle Nitsiza. Has you
2 considered a career in mining yourself, at all? Thank
3 you.

4 MS. JANELLE NITSIZA: No, I haven't.

5 THE CHAIRPERSON: Mr. Curran...?

6 MR JOHN CURRAN: A questions for the
7 Tlicho government. What can be done to get more young
8 people engaged, so that they are considering these
9 careers in mining? If we're looking at a twenty (20)
10 year mine life, with the potential to rise up through a
11 company and -- and become a leader of a community and -
12 - and really, a leader within a global industry,
13 certainly there must be some responsibility to the
14 citizens as the government of record to -- to take a
15 role in that.

16 Where do you see yourselves fitting in?

17 THE CHAIRPERSON: Thank you. We'll go
18 to the Tlicho government.

19

20 (BRIEF PAUSE)

21

22 DR. GINGER GIBSON: Masi. I -- I think
23 that the -- there's a responsibility -- the responsible
24 authorities, the education in the schools is -- is a
25 place to focus.

1 So the -- the joint presentation, and
2 not the one (1) sided presentation that sometimes comes
3 of -- from -- from mining, but the presentation of what
4 mining is, what options it offers.

5 I think, especially to address the
6 member James Wah -- James Wah-shee's point, that --
7 that there are a variety of careers out there, that we
8 don't have to just put people in the jobs of truck
9 driving, that -- that people can become guardians of
10 the environment, that they can become stewards of the
11 environment in the mining career, and that they can be
12 the caretakers by being the people that are in --
13 independent monitors, or by being the people that are
14 on the land monitors much as they have in the Voisey
15 Bay dia -- nickel mine.

16 I want to just mention that we're very
17 proud, the Tlicho Government is very proud of the work
18 that -- for example, Jan -- Janelle Nitsiza was
19 involved in this summer. Her summer job, hired through
20 the Tlicho government, was to be on the land to work in
21 Whati through the Tlicho Imbe Program to learn
22 traditional skills.

23 So support for people to be strong like
24 two (2) people, to learn the skills of their nation, of
25 their Elders, of setting net, of sewing, of all of the

1 different kinds of skills. Firearm training was
2 another part of it, canoe safety, many different
3 elements.

4 And I think part of encouraging people
5 to become active in -- in these careers is -- is
6 strengthening the ability for people to be strong like
7 two (2) people. Masi.

8 THE CHAIRPERSON: Thank you. Any
9 further questions?

10 MR. JOHN CURRAN: Just one (1) -- one
11 (1) other comment. Environmental monitor certainly
12 sounds better than truck driver. Truck driver pays
13 pretty good. I want to see mine managers, though. I
14 want to see supervisors, things like that, when we're
15 talking about Aboriginal engagement. Thank you.

16 THE CHAIRPERSON: Thank you. I believe
17 Richard Mercredi had one (1) more question, or two (2)
18 maybe.

19 MR. RICHARD MERCREDI: Yeah, I did have
20 a question on the training -- on the partnership
21 training. I'm just wondering if you've looked at --
22 you know, the other two (2) diamond mines are out
23 there.

24 I know they do their hiring for premise
25 -- premises, whether in the trade, whether it's

1 electrician, plumber, mechanic. They hire onsite as
2 opposed to going out, and I don't know if that's part
3 of the impact benefit agreement. But to me it kind of
4 -- it kind of backfires because what happens is the
5 Company is trying their best to hire as many Aboriginal
6 people as possible. Not all of them have a good
7 education, so there's a lot of haul, truck drivers, Cat
8 skidders, and there's your kitchen people, and your
9 cleaning, and all the other variety of people that are
10 out there.

11 And so when an apprenticeship training
12 opportunity comes open, 95 percent of the Aboriginal
13 people on site do not have those qualifications or
14 educations, so they in turn go out and hire, and they
15 hire non-Aboriginal people.

16 And what happens is there's no
17 opportunity for other Aboriginal people in the small
18 communities to apply for that apprenticeship who may be
19 qualified, but because they're hiring on site, once
20 they go through those people all of a sudden, you know,
21 they go to the next stage, right.

22 So I don't know whether there's --
23 you've looked at that, or -- because something -- I --
24 I feel it's very important, and I know this happens
25 because I have three (3) children working at the mine,

1 and they see this happening. In their case they're
2 okay because they're -- they're already qualified and
3 working as tradespeople or whatever. But there's --
4 other training opportunities for Aboriginal people are
5 going by the wayside that could be hiring somebody in
6 the small communities that -- that is educated, because
7 not all the people that are educated are working at the
8 mine, right.

9 THE CHAIRPERSON: Thank you. I'm going
10 to go to the Tlicho government.

11

12 (BRIEF PAUSE)

13

14 DR. GINGER GIBSON: Masi cho for that
15 really good idea of -- for moving forward with an
16 agreement. I -- we think that it's a really -- it's a
17 really useful idea to move forward with.

18 And -- and I -- and we strongly
19 encourage -- we -- we encourage and are always looking
20 for opportunities for people to become apprentices
21 within -- within the mines. It's such an important
22 skill, especially because people can then transition
23 out and become the apprentices that are serving their
24 communities, the remote communities.

25 I just want to mention that I wanted to

1 acknowledge all of the people who do work in the mines
2 in the room that are Tlicho, and -- and other
3 Aboriginal people that work in the mines, because I
4 know that there are plenty here. And I acknowledge
5 them and acknowledge the strength of all of the people
6 who have worked in and have spent more than twelve (12)
7 years now, some of them, working the mine.

8 And I think it's from their experience
9 that the Tlicho government looks forward to learning
10 from them about what works, how they make it work, and
11 how they become -- how they are strong like two (2)
12 people in the mines. And -- and we want to move
13 forward on agreements for mining that support those
14 people to continue in their jobs, or bring new people
15 in to move them up and through the different types of
16 careers that people can -- can get involved in, in the
17 mining industry. Masi.

18 THE CHAIRPERSON: Thank you. Richard
19 Mercredi...?

20 MR. RICHARD MERCREDI: No -- no further
21 questions. Thanks.

22 THE CHAIRPERSON: Thank you. I want
23 to say thank you to the Tlicho government on your --
24 for your presentation and also -- and also I want to
25 say thank you to Janelle Nitsiza for your -- for

1 helping out in your presentation. Masi Cho.

2 I'm going to continue on, on the agenda.

3 Next I have is the socioeconomic presentation by the
4 Government of Northwest Territories.

5

6 SOCIOECONOMIC - PRESENTATION BY GNWT:

7 MR. SHAFIC KHOURI: Mr. Chair, Shafic,
8 Government of Northwest Territories. As I mentioned
9 before, I work with the Department of Environment and
10 Natural Resources. Before passing the mic, I would
11 like to introduce my colleagues who are here with us
12 today.

13 We have Lisa Cardinal, Director of
14 Corporate, Reporting, and Evaluation, Department of
15 Health and Social Services; Rita Mueller, Chief
16 Executive Officer, Tlicho Community Services Agency;
17 Laurie Morin, Director of Advanced Education,
18 Department of Education Culture Employment. And we
19 have both Amy Lizotte, Land and Environmental Affairs
20 Specialist; and Brittany Shuwers, Initiatives Analyst
21 from the Department of Industry, Tourism, and
22 Investment.

23 I will now pass the microphone over to
24 Rita Mueller to begin the presentation. Thank you very
25 much.

1 MS. RITA MUELLER: Good afternoon, Mr.
2 Chair -- Chairperson, and also the panel and all the
3 participants. I need to begin by putting in a -- a
4 declaration of conflict of interest.

5 I am currently a sitting member of the
6 Wek'eezhii Land and Water Board and have been now for
7 four (4) years. And so if in the future this file does
8 come before the Wek'eezhii Land and Water Board,
9 because I have declared conflict of interest, I will
10 not be part of any of that discussion.

11 My role today is as the Chief Executive
12 Officer for the Tlicho Community Services Agency in
13 representing health and child and family services
14 today. The GNWT and the TCSA, Tlicho Community
15 Services Agency, recognize that the health and wellness
16 of the individuals and families within our region is
17 fundamental for any kind of socio and economic
18 sustainability within our region.

19 And in order to pro -- promote and
20 protect a stable workforce, a healthy workforce, and
21 the family structure within our Tlicho region, the GNWT
22 and the TCSA interests are in reducing any of the
23 potential negative impacts that this project could
24 possibly cause.

25 There have been initial discussions

1 already between the GNWT and Fortune Minerals. And in
2 those initial discussions there have been a number of
3 commitments that have already been made, and all of
4 those are on public record.

5 Some of the possible impacts that have
6 been brought up as concerns include the spread of
7 diseases due to the dense population of those living
8 quarters in that -- in that particular situation as
9 well as the limited options of healthy eating at the
10 camp as a possible -- possibility.

11 The commitment from Fortune Minerals, as
12 we understand it, would be that they would require all
13 employees to provide proof of receiving their
14 vaccination schedule as well as TB testing; that the
15 foods available at the camp for all employees and their
16 staff would actually be promoting healthy living and
17 that it would also provide foods appropriate for
18 employees, not only with -- that are diabetic, but also
19 that may have other chronic diseases; and also that
20 Fortune Minerals has committed to ensuring that they
21 will comply with disease surveillance regulations as --
22 as required.

23 The next slide. As well, issues that
24 have been raised already today certainly and -- and in
25 -- in the past are the possible impacts of increased

1 drug and alcohol use within the communities, as well as
2 then the potential of a family break -- breakdown or
3 erosion, and perhaps an increase of family violence
4 within the family structure.

5 The commitment that the -- the TCSA and
6 the GNWT understand from Fortune Minerals is that they
7 do plan on providing to all their employees assistance
8 in the way of a family assistance program for their
9 employees and to family members; and that they will
10 also be supporting programming related to drug or
11 alcohol as required; and also that they will be
12 supporting prevention and awareness programming; and
13 even on site, that there will be information and
14 awareness for the variety of GNWT programming available
15 to their employees and to residents within the
16 communities.

17 As well, something that has been raised
18 from a health perspective, in particular for the
19 community of Whati, in that health centre, is will --
20 will there be added stress to that small health centre?

21 And again, what has been outlined or
22 identified is that emergency medical response team and
23 personnel will be on the site 24/7 to be able to
24 address any kind of health-related emergency and that
25 the plan would be to evacuate anyone that is injured or

1 in need of being evacuated using the Whati Airport to
2 the Yellowknife Stanton Territorial Hospital, if that
3 type of treatment or care is required.

4

5 (BRIEF PAUSE)

6

7 MS. LAURIE MORIN: Laurie Morin, from
8 the Department of Education, Culture, and Employment.
9 The first part of this slide represents the NWT labour
10 market as of July 2012 from STATS Canada.

11 As you can see, twenty-five thousand
12 four hundred (25,400) represent the labour force age 15
13 and over who are employed and those who are unemployed
14 and are looking for work. Of those in the community,
15 96.5 percent are Aboriginal people. The sixty-six
16 hundred (6,600) represent those who are not in the
17 labour force for a certain reason, like they're retired
18 or they're home with their children or they're
19 students.

20 The last two (2) bullets are from the
21 most recent NWT community survey that took place in
22 2009. This survey provided the information about the
23 percentage of people in the NWT who are willing to do
24 rotations, and that was 57.1 percent.

25 The GNWT wants to see maximum benefits

1 from resource development projects for the people of
2 the Northwest Territories. Those benefits include
3 education, training, employment, as well as the support
4 and the preservation of the residents' culture and
5 heritage. It's important that residents are aware and
6 able to take advantage of project-related opportunities
7 that will benefit individuals and their families and
8 their community.

9 It is also important that we work in
10 partnership -- the GNWT, Aurora College, industry, the
11 Tlicho government -- identifying educational and
12 training needs so a work-ready labour force can be
13 developed and maximized.

14 We want to ensure that we create a
15 sustainable Northern employment in all sectors. It's
16 important that potential barriers, training needs, and
17 required skills are shared continuously. I'm having
18 trouble reading my own writing. This ensures the
19 development of a Northern workforce and less reliance
20 on Southern hires. Thank you.

21

22 (BRIEF PAUSE)

23

24 MS. BRITTANY SHUWERA: Good afternoon.

25 My name is Brittany Shuwera, and I'm here representing

1 the Department of Industry, Tourism, and Investment, or
2 ITI.

3 ITI is responsible for the overall
4 coordination of GNWT efforts related to the
5 socioeconomic agreements, including negotiation and
6 ongoing implementation. Our portion of the
7 presentation includes details on what the project means
8 for the Northwest Territories, why a follow-up program
9 is advisable, and then we'll finish with our
10 socioeconomic recommendation to the Board.

11 The most recent estimates indicate that
12 the Nico deposit features 33 million tonnes of reserves
13 which are valued at approximately 4.4 billion US
14 dollars. These reserves will contribute to
15 a mine life of at least eighteen (18) years. The Nico
16 Project is one (1) that will potentially impact all
17 residents in the NWT.

18 The GNWT is encouraged by measures
19 Fortune has in place to ensure negative impacts of the
20 development are mitigated. These include working with
21 local business to help build capacity and maximize
22 opportunities, establishing a socioeconomic monitoring
23 plan, and committing to collect and public report
24 annually on several socioeconomic indicators.

25 In our technical report the GNWT

1 highlighted several areas of uncertainty in the Nico
2 Project, including some areas where we thought more
3 information was needed. The GNWT met with
4 representatives of Fortune Minerals earlier this week
5 on August 28th and were able to resolve many of our
6 outstanding socioeconomic issues.

7 However, we would still like to
8 emphasize the importance of implementing a follow-up
9 program to monitor socioeconomic impacts over the life
10 a mine. This ensures appropriate mitigative and
11 adaptive measures are in place to address impacts that
12 could change over time.

13 There are four (4) mines currently
14 operating in the NWT; three (3) of them have a
15 socioeconomic follow-up program in the form of a
16 socioeconomic agreement in place with the GNWT.
17 Cumulatively, these three (3) mines have achieved 51
18 percent Northern employment and 73 percent Northern
19 purchasing.

20 The mine that does not have a
21 socioeconomic follow-up program has reported little to
22 no NWT residents employed and little to no purchases
23 within the NWT. The significance of this development
24 and the uncertainties associated with the predictions
25 reinforces the need for a socioeconomic follow-up

1 program.

2 The GNWT views follow-up programs as an
3 essential tool to test socioeconomic predictions,
4 evaluate successes, and identify gaps where predictions
5 are not met. The success of SEAs, or socioeconomic
6 agreements, becomes a best practice for new development
7 projects.

8 The GNWT suggests that an effective
9 follow-up program should focus on accountability and
10 adaptive management processes where mitigation measures
11 can be refined over time. It should be designed in a
12 way to assess the effectiveness of mitigation, support
13 adaptive management, and remain in place for the life
14 of the project. As we noted in the last slide, an
15 effective follow-up program is imperative in the
16 development of any mine.

17 Fortune's response to decline a
18 socioeconomic agreement with the GNWT at this time
19 further illustrate the important of having an effective
20 follow-up program to ensure socioeconomic well-being of
21 NWT residents is protected. The GNWT therefor
22 recommends that a follow-up program in the form of a
23 socioeconomic agreement be a condition of project
24 approval.

25 This agreement would be between Fortune

1 Minerals and the GNWT and reflect all of Fortune's
2 commitments to mitigate socioeconomic impacts to
3 residents and communities of the NWT.

4

5 (BRIEF PAUSE)

6

7 MS. BRITTANY SHUWERA: And that
8 concludes the GNWT portion of our presentation.

9

10 QUESTION PERIOD:

11 THE CHAIRPERSON: Okay. Thank you.
12 Thank you for your presentation. I'm going to go --
13 ask to turn on the lights. Before I go to the
14 questions for your presentation, I just want to make a
15 quick announcement.

16 As you know this morning I mentioned
17 that the -- I read out the agenda for the day and again
18 we ran into the problem of time and so -- and also this
19 morning I also acknowledged the dates for the allowing
20 for the additional day at the request from the Tlicho
21 government.

22 We -- we looked at it. We -- we've made
23 a ruling of it this morning, and we agreed to meet on
24 October 10th. Also, the Board added an additional day
25 on October 11th and, so the agenda that I'm looking at

1 for October 10th is that we start from 8:30 till 12:00
2 on October 10th. We'll break from 12:00 to 12:30,
3 start at 12:30 to 5:00.

4 That gives us eight (8) hours for that
5 day. And of that eight (8) hours for October 10th the
6 agenda will be for the Tlicho government on their TK
7 report we'll allow six (6) hours for presentation and
8 'Q' and 'A's, and the Nico Project access road I allow
9 two (2) hours for presentation and 'Q' and 'A'.

10 On October 11, 2012, the following day,
11 the -- we -- we'll start at 8:30 in the morning till
12 noon, and 12:00 till 12:30 for lunch, and then from
13 12:30 to 5:00, again giving us another eight (8) hours.
14 Then -- otherwise we could stay late, but we have
15 people that have to catch planes.

16 And we only allowed two (2) hours and
17 fifteen (15) minutes, according to the agenda we have
18 today, for the Elders. So on October 11, 2012, I would
19 like to dedicate that day to hear from the residents of
20 Behchoko and outlying communities.

21 So that way here everybody has an
22 opportunity to speak, and from the public at large, as
23 well. I want to allow that to happen at that day. And
24 this here schedule I just read out is consistent to the
25 time that we had in the last two (2) days here, one (1)

1 day in Yellowknife and Whati.

2 So averaging all that out, it works out
3 good that we do it this way. So I wanted to let you
4 know I'm just going to make this our agenda for the
5 record and we're going to go forward with that.

6 So I know that there's Elders here that
7 want to speak, and I know it's Friday and that a lot of
8 people want to take off as well. So I just want to let
9 the Elders know that we'll dedicate one (1) full day
10 for those guys here on October 11.

11 So I just want to say I know the Elders
12 had travelled a long ways to come here, and I want to
13 say thank you for your time and -- and I want to -- we
14 appreciate it, but it's best that we do it this way so
15 that'll give you guys more time. So I want to say masi
16 to the Elders.

17 So with that I want to continue on now
18 with questions to the GNWT on their presentation of
19 socioeconomic. And I want to go from the bottom of my
20 list of order. I want to go to Aboriginal Affairs and
21 Northern Development Canada.

22 MR. PAUL GREEN: It's Paul Green, with
23 Aboriginal Affairs. We have no questions.

24 THE CHAIRPERSON: Thank you. I want to
25 go to the North Slave Metis Alliance. Questions for

1 the GNWT on the presentation?

2 MR. BILL ENGE: Thank you, Mr.
3 Chairman. Bill Enge, for the North Slave Metis
4 Alliance. Yes, I have a question.

5 I'd like to know if the Government of
6 the Northwest Territories is planning to consult with
7 the affected Aboriginal people about the content of the
8 socioeconomic agreement that they are planning to
9 negotiate between themselves and Fortune Minerals.
10 Thank you.

11 THE CHAIRPERSON: Thank you. I'm going
12 to go to the Government of the Northwest Territories on
13 that question.

14

15 (BRIEF PAUSE)

16

17 MS. BRITTANY SHUWERA: BRITTANY
18 Shuwera, with the GNWT. We would just want to state
19 for the record that the GNWT remains open to consider
20 discussion with other parties regarding a socioeconomic
21 agreement. Thanks.

22 THE CHAIRPERSON: Thank you. I'm going
23 to go to the North Slave Metis Alliance. One (1) of --
24 question number 2 of three (3).

25 MR. BILL ENGE: Thank you, Mr.

1 Chairman. The Government of the Northwest Territories
2 rep, Brittany Shuwera, has stated that the Government
3 of the Northwest Territories is open to hearing from
4 the affected Aboriginal groups, or parties, as she puts
5 it.

6 I would like to know if they had an idea
7 in mind of how they would go about doing it. Thank
8 you.

9 THE CHAIRPERSON: Thank you. I'm going
10 to go to the Government of the Northwest Territories on
11 their presentation. A question to Mr. Enge -- from Mr.
12 Enge.

13

14 (BRIEF PAUSE)

15

16 MS. BRITTANY SHUWERA: Brittany Shuwera
17 with the GNWT. We currently don't have a plan for how
18 those discussions would take place, but we are open to
19 discussion.

20 THE CHAIRPERSON: Bill Enge...?

21 MR. BILL ENGE: Thank you, Mr.
22 Chairman. You know, it -- it all -- it -- it's quite
23 troubling to hear that the Government of the Northwest
24 Territories hasn't considered including or hearing from
25 the affected Aboriginal peoples whose lands -- or, who

1 -- who have traditional rights on these lands, such as
2 the Tlicho and the Metis -- North Slave Metis. And
3 this, I think, is a serious shortfall on their part.

4 And I -- I guess I'd like to know what -
5 - what kind of a format they would -- they would see in
6 making sure that they have proper input from the
7 affected Aboriginal peoples.

8 THE CHAIRPERSON: Thank you.
9 Government of the Northwest Territories...?

10

11 (BRIEF PAUSE)

12

13 MS. BRITTANY SHUWERA: Brittany
14 Shuwera, with the GNWT. Again, we just want to restate
15 our original response, which is we remain open to
16 discussion with other parties, including Aboriginal
17 communities, regarding a socioeconomic agreement.

18 THE CHAIRPERSON: Thank you. And that
19 will conclude the North Slave Metis Alliance, correct?
20 Yes, or no? Yes? Thank you.

21 Okay. Thank you, Mr. Enge, for your
22 final question. But I just want to make sure and let
23 you people know that if you have more questions, if you
24 could write it directly either to whoever's presenting
25 and -- and a copy to the Review Board so it's on the

1 registry, and then we'll wait for a reply on that as
2 well. So I just want to give people that option as
3 well. Thank you.

4 I'm going to go to the Yellowknives Dene
5 First Nation.

6 MR. TODD SLACK: Thanks, Mr. Chair.
7 Todd Slack, YKDFN. We have no questions.

8 THE CHAIRPERSON: Okay. Thank you.
9 I'm going to go to the Tlicho Government.

10 CHIEF CLIFFORD DANIELS: Masi, Mr.
11 Chair. Chief Clifford Daniels, Tlicho government. Can
12 you -- the presenter, can you provide and describe some
13 specific training and programs that would benefit the
14 Tlicho people, and also to follow-up on that, and how
15 many of those programs are community based? Masi.

16 THE CHAIRPERSON: Thank you, Chief
17 Daniels. GNWT...?

18 MS. LAURIE MORIN: Laurie Morin,
19 Education, Culture, and Employment. The department
20 does work with Aurora College and the Tlicho government
21 and other -- and industry and community organizations
22 to develop programs and services. What's -- what's
23 available within the community, in the community
24 learning centres include things like adult basic
25 education and literacy. Apprenticeship programs are

1 available in Smith.

2 Specifically, I'm unable to answer what
3 is available in the community and what is going to be
4 available in the community, because it will be based on
5 what is needed. So could I put it on record that this
6 could be answered later?

7 THE CHAIRPERSON: Thank you. I'm
8 going to go to Chief Daniels.

9 CHIEF CLIFFORD DANIELS: Yes, we'll
10 accept that. And no further questions. Masi.

11 THE CHAIRPERSON: Masi, Chief Daniels.
12 I'm going to go to Fortune Minerals Limited. Any
13 questions?

14 MR. PAT MOLONEY: Pat Moloney, with
15 Fortune Minerals. No questions.

16 THE CHAIRPERSON: Thank you. I'm
17 going to go to my far right, John Curran, Board member,
18 questions?

19 Oh, sorry, staff. Mr. Donihee...?

20 MR. JOHN DONIHEE: Thank you, Mr.
21 Chairman. John Donihee, for the Review Board. I
22 understand that GNWT has broached the subject of a
23 socioeconomic agreement with Fortune Minerals, but at
24 this point the Company has indicated that it doesn't
25 see the benefit of the SEA that you're -- you've been

1 talking about in -- in this presentation.

2 Is that -- is that correct?

3 THE CHAIRPERSON: Thank you, Mr.

4 Donihee. I'm going to go to the GNWT.

5 MS. BRITTANY SCHUWERA: Brittany

6 Schuwera with the GNWT. As far as I know that's not

7 Fortune's current posis -- position. They've stated,

8 for the record, that they've declined an agreement at

9 this time with the GNWT, but as far as I know they do

10 remain open to it with the Tlicho government. And as

11 far as I know, that conversation has not closed

12 completely at this time.

13 THE CHAIRPERSON: Thank you. Mr.

14 Donihee...?

15 MR. JOHN DONIHEE: Thank you, sir.

16 John Donihee. I -- I don't really understand all of

17 your answer. You said they do remain open to it with

18 the Tlicho government. I thought you were talking

19 about a socioeconomic agreement between the Government

20 of Northwest Territories and the mining company.

21 THE CHAIRPERSON: Thank you, Mr.

22 Donihee. GNWT...?

23 MS. BRITTANY SHUWERA: Brittany

24 Shuwera, with the GNWT. Our formal recommendation to

25 the Board is that a socioeconomic agreement is a

1 condition of project approval. I don't presume to
2 state Fortune's stance on a socioeconomic agreement for
3 the record. I will leave that up to them. Thank you.

4 THE CHAIRPERSON: Thank you. Mr.
5 Donihee...?

6 MR. JOHN DONIHEE: Thank you, sir.
7 John Donihee. You still haven't answered my question
8 or helped me. Is the Government of Northwest
9 Territories proposing that there should be a
10 socioeconomic agreement between GNWT and the Company?

11 THE CHAIRPERSON: Thank you. And I'm
12 going to ask that -- it's -- it's a "yes" or "no"
13 question. Thank you.

14 MS. BRITTANY SHUWERA: Brittany Shuwera
15 with the GNWT. Yes.

16 THE CHAIRPERSON: Thank you. Mr.
17 Donihee...?

18 MR. JOHN DONIHEE: John Donihee. Thank
19 you for your help, Mr. Chairman.

20 Okay. And so now we also have your
21 recommendation that there should be a socioeconomic
22 agreement between the GNWT and the Company as a
23 condition of project approval and before the water
24 license should be issued. That was what your last
25 slide said.

1 And -- and my understanding of the way
2 that the Mackenzie Valley Resource Management Act works
3 is that for the Board to be able to make a
4 recommendation like that it's going to have to find
5 that there would be a significant environmental impact.
6 Environmental impacts include socioeconomic impacts.
7 And so my question is: Is it the Government of
8 Northwest Territories' position that without a
9 socioeconomic agreement there will be significant
10 socioeconomic impacts from this project?

11 THE CHAIRPERSON: That's a good
12 question. I want you to think about it and I want you
13 to answer it. Thank you.

14

15 (BRIEF PAUSE)

16

17 MS. AMY LIZOTTE: Amy Lizotte, with the
18 GNWT. The purpose of the follow-up program is to
19 ensure that there isn't significant environmental
20 socioeconomic impacts. And that's why we would like to
21 have a follow-up program in place.

22 MR. JOHN DONIHEE: John Donihee, for
23 the Board. We have a bit of a Catch 22, don't we. I
24 guess that's fine. I'll -- I'll just leave it there.
25 Thank you very much.

1

2

(BRIEF PAUSE)

3

4

THE CHAIRPERSON: I was thinking about
5 that question, and I wonder if that requires an
6 undertaking, Mr. Donihee.

7

MR. JOHN DONIHEE: John Donihee. Well,
8 Mr. Chairman, as I heard the answer, they just said
9 that they think that the agreement might be one (1)
10 mechanism to avoid significant impacts. I'm sure there
11 are others. But, you know, it's the GNWT's case to put
12 forward here. They made a recommendation. I've just
13 asked them whether in fact they believe there's
14 evidence to support that recommendation and the answer
15 that I heard is "no."

16

THE CHAIRPERSON: Thank you. And I'm
17 going to go back to GNWT. Is that a "yes" or "no"?
18 Thank you.

19

20

(BRIEF PAUSE)

21

22

MS. AMY LIZOTTE: Amy Lizotte, with the
23 GNWT. Essentially, it's difficult to say "yes" or
24 "no", and -- because it's uncertain at this time.
25 That's why we would recommend a follow-up program.

1 THE CHAIRPERSON: Still not good
2 enough. I want a "yes" or a "no". And if it's "no" I
3 want you to explain. Thank you.

4 MS. AMY LIZOTTE: Amy Lizotte, with the
5 GNWT. Any project of this size has the potential to
6 have significant socioeconomic impacts, so, "yes".

7 THE CHAIRPERSON: Thank you. Okay.
8 I'm going to go to Board member John Curran.

9 MR. JOHN CURRAN: Thank you, Mr.
10 Chairman. Just a couple of quick questions. I know
11 you provided some labour market information. I don't
12 see any economic information at all.

13 But let's start with the labour market
14 stuff. What percentage of the -- the labour market is
15 currently employed within the mining industry, or the
16 secondary service providing industries that serve the
17 mining sector specifically?

18 THE CHAIRPERSON: Thank you, John
19 Curran. GNWT...?

20 MS. LAURIE MORIN: Laurie Morin, ECE.
21 I can't answer that question. I'm sorry, I don't know.

22 THE CHAIRPERSON: Just before we go
23 back to John Curran, I don't like the word "don't".
24 It's either "yes" or "no". So anyways, thank you.

25 John Curran...?

1 MR. JOHN CURRAN: Thank you, Mr.
2 Chairman. Maybe we'll try in another door. In terms
3 of the -- the economy of the NWT, for the person from
4 ITI, can you tell the -- the people here, for the
5 record, what percentage of the economy is related to
6 mining or the secondary service provision that serves
7 the mining industry here in the NWT? Thank you.

8 THE CHAIRPERSON: Thank you. GNWT...?

9

10 (BRIEF PAUSE)

11

12 MS. BRITTANY SHUWERA: Brittany
13 Shuwera, with the GNWT. Unfortunately we don't have
14 that exact information on hand right now, and I'm not
15 even sure that it does exist. If you do need it we can
16 certainly look into it further.

17 But we can tell you that of the three
18 (3) diamond mines that are currently in operation, 73
19 percent of their business is going to the NWT business
20 community. So does that help to clarify?

21 THE CHAIRPERSON: Okay. Thank you.
22 Then you have that information. So maybe what we could
23 do is we could take that as an undertaking as well
24 then.

25 Mr. Donihee, we could probably have that

1 submission the same time as the other dates we
2 proposed.

3 MR. JOHN DONIHEE: Mr. -- it's John Don
4 -- John Donihee. I'm just not sure what -- could you
5 just be clear about what -- what it was that you
6 offered to provide in response to Mr. Curran's
7 question, please?

8 THE CHAIRPERSON: GNWT...?

9 MS. BRITTANY SHUWERA: Brittany
10 Shuwera, with the GNWT. Could get Board Member John
11 Curran to just repeat his question, please.

12 THE CHAIRPERSON: John Curran...?

13 MR. JOHN CURRAN: Gladly. I think we
14 will maybe repeat them both: Percentage of labour
15 market involved in mining and -- and secondary
16 industries, as well as percentage of -- of economic
17 activity related to mining and secondary industries.

18 THE CHAIRPERSON: Okay. Thank you.
19 I'm going to the GNWT and that would be the
20 undertaking. We just need to agree on the date.

21 Mr. Donihee, the dates that we talked
22 about for earlier --

23 MR. JOHN DONIHEE: The 14th.

24 THE CHAIRPERSON: The 14th. But I'm
25 going to go to the GNWT before Donihee looks at the

1 dates.

2 MS. BRITTANY SHUWERA: Brittany
3 Shuwera, with the GNWT. We accept those both as an
4 undertaking and we can provide that to the Board I -- I
5 believe next week is the date for that.

6 MR. JOHN DONIHEE: Certainly, that's
7 fine. It's John Donihee. The end of next week, next
8 Friday, is that -- thank you.

9
10 --- UNDERTAKING NO. 4: GNWT to indicate percentage
11 labour market involved in
12 mining and secondary
13 industries, as well as
14 percentage of economic
15 activity

16
17 THE CHAIRPERSON: Okay. That would be
18 September 7th then, end of the business day. Thank
19 you.

20 Mr. John Curran...?

21 MR. JOHN CURRAN: I'd just like to
22 thank the fine representatives of the Government of the
23 Northwest Territories for enriching this process.

24 THE CHAIRPERSON: Thank you. I'm
25 going to go to Mr. James Wah-shee, Board Member.

1 MR. JAMES WAH-SHEE: Thank you, Mr.

2 Chairman. I'd like to thank the GNWT for their

3 presentation and points of clarity. Thank you.

4 THE CHAIRPERSON: Thank you. Mr.

5 Richard Mercredi, Board Member...?

6 MR. RICHARD MERCREDI: No questions.

7 Thanks for your presentation.

8 THE CHAIRPERSON: Thank you. Mr.

9 Danny Bayha, Board Member...?

10 MR. DANNY BAYHA: Thank you. I hope my

11 question is not as tough as our staff. So, earlier we

12 -- you seen the presentation on -- today on closure.

13 As you know, whenever any development happens there's a

14 cycle it goes through, boom and bust cycles. And --

15 and we have small communities near this development.

16 Have you give any thought to the bust

17 cycle of this program, that we may be helping the

18 communities in terms of -- I know there's training,

19 there's other mines, there's other infrastructure

20 that's happening in surrounding, but I'm just wondering

21 -- I'm curious is if there was any thought given to

22 this aspect of this program. Thank you.

23 THE CHAIRPERSON: Thank you. GNWT...?

24

25 (BRIEF PAUSE)

1 MS. BRITTANY SHUWERA: Brittany
2 Shuwera, with the GNWT. We'll have a two (2) part
3 answer for you. The first part, we just want to put on
4 the record when we met with Fortune Minerals on
5 Tuesday, we were able to confirm with them that -- that
6 they committed to formalizing socioeconomic measures in
7 their Closure and Reclamation Plan. And some of those
8 were listed in the commitments table that they
9 provided, and those numbers are 16.17 and 16.20.

10 If you want, I can read them out for
11 you, but they are listed in the commitments table, and
12 we were able to confirm that those measures are going
13 to be included in the Closure and Reclamation Plan.
14 And I'll pass the microphone to Laurie Morin.

15 MS. LAURIE MORIN: Finally -- Laurie
16 Morin, Education, Culture, and Employment. Finally a
17 question I can answer. The Department of Education is
18 developing financial literacy modules to help residents
19 in the Northwest Territories manage their money.

20 They're going to be part of the adult
21 learning and basic education modules that can also be
22 delivered separately. And in it, it addresses
23 financial planning and what -- what happens when
24 there's a reduction of income and your relationship
25 with money.

1 There's -- there's approximately eleven
2 (11) modules that cover everything from gambling to
3 saving for your children's education. So that's one
4 (1) of the things that education is doing to help
5 people plan for that kind of a situation.

6 THE CHAIRPERSON: Thank you. I'm
7 going to go to Board member Danny Bayha.

8 MR. DANNY BAYHA: Yeah, thank you for
9 the answer. And I certainly would like to encourage
10 the GNWT's efforts in trying to work with communities
11 as well as the Company and the rest of the residents to
12 make sure that this program works.

13 And -- and I'm really glad that you guys
14 participated and hope to see you again -- again, maybe
15 even follow-up comments or a presentation on the two
16 (2) final days of these hearings. Thank you.

17 THE CHAIRPERSON: Thank you, Mr.
18 Bayha. Ms. Rachel Crapeau, Board member...?

19 MS. RACHEL CRAPEAU: Thank you, Mr.
20 Chair. No questions at the -- the present time.

21 THE CHAIRPERSON: Thank you. Board
22 member Percy Hardisty.

23 MR. PERCY HARDISTY: Masi, Mr. Chair.
24 I have no particular questions at the moment.

25 THE CHAIRPERSON: Okay. Thank you. I

1 want to thank the GNWT for coming in to do your
2 presentation, even though that -- well, we had some
3 tough questions, but as -- it's our job as to do that,
4 you know, making sure that we look for balance. And so
5 I want to say thank you very much for coming in to do
6 your presentation.

7 With that I'm going to stop for five (5)
8 minutes then the North Slave Metis Alliance is going to
9 do their presentation next. We'll take a five (5)
10 minute break.

11

12 --- Upon recessing at 3:31 p.m.

13 --- Upon resuming at 3:43 p.m.

14

15 THE CHAIRPERSON: Okay. Thank you.
16 I'd like to get everybody to sit down. And also when
17 people are doing their presentation, just because we
18 don't have cell phones here, that's great, but anybody
19 talking in the back, it show -- to show respect, you
20 know, it would be nice to take your discussion outside
21 and then allow the presenters to present.

22 So I'm going to go to North Slave Metis
23 for your pres -- presentation, and the final
24 presentation of the day.

25

1 SOCIOECONOMIC - PRESENTATION BY NORTH SLAVE METIS

2 ALLIANCE:

3 MR. BILL ENGE: Thank you, Mr.

4 Chairman. Bill Enge, here, with the North Slave Metis
5 Alliance. Again, I thank the Board for the opportunity
6 to speak to this matter on this, the final day of a
7 very long week, on the public hearing regarding the
8 Nico Project.

9 The NSMA is always ready, willing, and
10 able to consult on projects such as this one. However,
11 as with all the elements of the Nico Project which have
12 been discussed this week, we can't have a fully
13 informed opinion about the Nico Project as it -- as its
14 socioeconomic impacts on our community, because there's
15 not been adequate consultation with our organization to
16 date.

17 Now let me just frame that in context.
18 Five (5) years ago, the North Slave Metis Alliance and
19 -- was contacted by representatives from Fortune
20 Minerals in regard to the Nico Project. This contact
21 resulted in myself and the board of directors taking a
22 trip out to the Nico Mine site to see what it was
23 about. We had a tour.

24 The NSMA had several subsequent meetings
25 with Fortune Mineral representatives about the project.

1 And then -- and during this period of time, the North
2 Slave Metis Alliance informed Fortune Minerals that the
3 members and the organization had to benefit from this
4 project, as it's in -- on their traditional lands and
5 in their backyards, lands that we share with the Tlicho
6 people.

7 With that understanding, two (2) things
8 happened. Fortune Minerals agreed to fund the North
9 Slave Metis Alliance to do a traditional knowledge and
10 traditional land use study, which unfortunately, due to
11 capacity issues, hasn't been completed. But we have
12 made a commitment to get it on to the public registry
13 by September 15th. We are working on this now.

14 And last November, we -- the last time I
15 met with representatives of the Fortune Minerals
16 contingent, we agreed to negotiate and sign a
17 memorandum of understanding, which would be the basis
18 by which we would proceed to an impact benefit
19 agreement. And that's the understanding we had.

20 Well, since last November, due to
21 mitigating circumstances, as what Fortune Minerals has
22 informed us through a letter -- they responded to -- to
23 a letter we sent to them and put on the public
24 registry, this MOU was never signed or put together.

25 Now the -- the situation between the

1 North Slave Metis Alliance and Fortune Minerals is
2 stalled. And once again, I can't -- I'll not try to --
3 I can't blame Fortune Minerals for the entire problem
4 here with the -- the information we need to proceed in
5 a proper fashion, because the North Slave Metis
6 Alliance hasn't lived up to one (1) of the commitments
7 we made, which was to get the traditional knowledge
8 study and land use study into their hands. It's been
9 in the works for two (2) years. And as I said, we've
10 had capacity issues which has led to that delay.

11 However, today, as I heard what some of
12 the work that Fortune has been doing in -- in regard to
13 working with First Nations Aboriginal groups -- and
14 quite frankly, I was taken aback at the level of
15 consultation and accommodation and the work they've
16 done with the Tlicho in regard to business and
17 employment opportunities.

18 And, secondly, the fact that they're
19 working diligently with the Akaitcho or Yellowknives,
20 who have taken a position, as one and all has heard
21 here, that as far as they're concerned, the Nico
22 Project is a matter for the Tlicho, as it falls out --
23 as it falls within their settlement area. And they
24 kind of take a standoffish position.

25 The North Slave Metis people do not take

1 that position, because as far as we're concerned, we
2 have outstanding Aboriginal rights and title on these
3 settlement lands that still need to be addressed.

4 Now that being said, the North Slave
5 Metis Alliance is looking for ways and means to turn
6 this situation around, and this is the forum for that.

7 Now, we have some concerns. Fortune's
8 project, as proposed, will have a significant,
9 irreversible effect on the well-being of the North
10 Slave Metis community. There is a high probability of
11 destruction, damage, and appropriation of Metis
12 heritage resources at the mine site.

13 Traditional knowledge: In that respect,
14 a brief word on the importance of it in regard to the
15 project area. The Nico Project is located near the
16 community that was once known as Lac La Martre. The
17 community is part of the Metis ethnic history.

18 Lac La Martre was significant when the
19 coureur des bois first arrived in the Great Slave Lake
20 area. The
21 coureur des bois were some of the first Europeans to
22 arrive, even before the fur trade was established, and
23 they planted the first seeds for the Metis community
24 that exists in this Great Slave Lake area today.

25 Francois Beaulieu the Second, a very

1 famous Metis person that's recognized by the Canadian
2 government through the Heritage Canada, is one of the
3 founding fathers of the Metis community of the Great
4 Slave Lake area, and he is a dir -- and I am a direct
5 descendant of Francois Beaulieu the Second. Francois
6 Beaulieu came about as a consequence of those French
7 travellers here.

8 Lac La Martre is an important part of
9 the Metis heritage. Francois Beaulieu the Second
10 traded at Lac La Martre in the eight (8) -- in the
11 early 1800s. He supplied products to Fort Rae, Old
12 Fort Rae as it was known then, and is listed in the
13 Fort's books.

14 Beaulieu the Second was given much more
15 credit for both furs and meat than any of the other
16 Indians, as they were called then. Metis were known as
17 Indians then too, and described in the Hudson Bay
18 Company and Northwest Company records.

19 It is highly likely that the Metis --
20 that Metis heritage resources exist in the area of the
21 Nico Project and its roads and areas of impact, and
22 this heritage is either undiscovered, undervalued, and
23 it needs to be handled properly.

24 The Nico Project includes a 27-kilometre
25 all-season corridor to accommodate a 6-metre-wide

1 gravel access road which is expected to connect to a
2 hypothetical new road between Behchoko and Gameti. And
3 I call it hypothetical because it hasn't been approved
4 and it hasn't gone through yet.

5 The Tlicho land use planning process,
6 which is underway, is expected to determine the route
7 and timing of this hypothetical new road. This
8 planning does not include the North Slave Metis people;
9 one (1) that we take exception to.

10 It's estimated that five (5) B-trains a
11 day of concentrate will head south, while four (4)
12 truckloads a day of supplies will head north. Stream
13 crossings for the access road will be all -- all
14 culverts except for one (1) bridge over the Marian
15 River.

16 At this point, information is still
17 being collected regarding NSMA members history in the
18 area of the Nico Project. Because of the inadequate
19 consultation regarding the Nico Project, we don't know
20 what steps, if any, are being taken to identify and
21 preserve our members' heritage.

22 Fortune did receive a summary
23 presentation of the archival research done by the North
24 Slave Metis Alliance for its traditional land use and
25 knowledge study. At this point, I'd like to remind the

1 Board of our request that the public registry be kept
2 open until September 15th so that the NSMA can submit
3 its traditional knowledge report.

4 Also it appears to us that Fortune
5 proposes to discriminate unjustifiably against the
6 North Slave Metis in favour of the Tlicho. For
7 example, they inform us via a letter, which is on the
8 Board's registry, that they shall not engage with us
9 until after they have finished discussing with the
10 Tlicho an impact benefit agreement.

11 We may not have been as visible as other
12 Aboriginal groups, but our community survives. And
13 Canada's constitution provides in Section 35 that we,
14 Metis, hold aboriginal rights. Our members exercise
15 their aboriginal rights in the area north of Great
16 Slave Lake, and that includes the area of the proposed
17 mine site.

18 The NSMA's mandate and the one (1) that
19 I carry with me to this Board today and this hearing is
20 to advocate for our members' rights, and that is what
21 I, as president, must and am doing.

22 This project will last long enough to
23 adversely impact the next generation of metis children
24 from learning about this land from their Elders. It is
25 exceptionally difficult to recover lost traditional

1 knowledge once the chain of transmission has been
2 broken and the land altered. These adverse impacts
3 could be irreversible if not very carefully managed and
4 mitigated. The well-being of the North Slave Metis
5 community deserves to be monitored just as well as the
6 well-being of any of the other sensitive and threatened
7 populations, namely, the Tlicho people.

8 Furthermore, the North Slave Metis
9 deserve a fair and equitable share of the benefits of
10 development on -- of our lands and resources, just as
11 our Tlicho counterparts do, so that we too can thrive,
12 so that we too can benefit from the resources on our
13 traditional lands.

14 Currently, although negative impacts to
15 both are certain, there is no guarantee that there will
16 be any benefits to the North Slave Metis Alliance
17 members at this time. In fact, none of the North Slave
18 Metis community-owned businesses have been listed or
19 cited by the proponent today. This is unjust. We have
20 businesses. We've informed Fortune Minerals'
21 representatives that we have businesses. They've been
22 to our office. I've talked to them about businesses
23 personally, but yet no substantial work in that area
24 has been done.

25 It is very harmful economically and

1 culturally to the North Slave Metis Alliance community
2 well-being to have their heritage resources damaged,
3 destroyed or appropriated. It is also very distressing
4 to the North Slave Metis Alliance to know that a land
5 use planning process is underway on our traditional
6 territory without our involvement because this
7 interferes with our inherent right of self-
8 determination. This interferes with our aboriginal
9 rights as protected under the constitution of this
10 country. This must not be allowed to happen.

11 In conclusion, the North Slave Metis
12 Alliance is ready and willing to consult about these
13 and other adverse impacts on our members' rights. But
14 to date, there simply hasn't been adequate consultation
15 with the North Slave Metis Alliance about this project.
16 Information is missing. There's large gaps that need
17 to be filled.

18 We are not comfortable at this time with
19 the status of the situation. Required predictions have
20 not been made and considered. Cumulative effects are
21 not adequately assessed. For these reasons, the North
22 Slave Metis Alliance is forced to say that we recommend
23 that the Nico project go to an environmental impact
24 review so that our rights-bearing members will have the
25 information they need to form an offi -- an -- an

1 informed opinion on the mine and how to manage the
2 adverse impacts on their aboriginal rights.

3 In -- in closing, again, I want to say
4 that the North Slave Metis Alliance wishes to see
5 benefits flow to its members when developments of this
6 magnitude are contemplated in this forum. We have
7 experience with mines. This is not our first time to
8 the dance. There are three (3) diamond mines operating
9 on our traditional lands right now. And we can
10 empathize with our Tlicho counterparts as to what kind
11 of effects have been happening.

12 Both the Tlicho and the North Slave
13 Metis Alliance have impact benefit agreements with the
14 diamond mines. Some of the conditions that were
15 contained in those impact benefit agreements have not
16 been respected.

17 Especially frustrating is the employment
18 aspect that was pointed out and questioned by some of
19 the Board members here today. Let me tell you one (1)
20 of the things that ha -- that give us a lot of problems
21 is when apprenticeship positions come open. We have an
22 impact benefit agreement with one of the mines that
23 guarantees at least two (2) North Slave Metis Alliance
24 appretic -- apprentices will be at the site at all
25 times, but the problem is they won't tell us who -- who

1 amongst the workers are North Slave Metis Alliance
2 members, because they claim that would be a breach of
3 their information -- privacy information rights. Not
4 that we don't have talented educated ready and willing
5 workers, we just don't know how to make sure that our
6 members are getting those opportunities.

7 When it comes to management, I can tell
8 you today there is not one (1) North Slave Metis
9 Alliance manager at any -- at -- at the BHP Billiton
10 diamond mine, not one. We are more than just workers;
11 more than entry level people. But the opportunities
12 are not being afforded our people. Just like what Mr.
13 Wah-shee pointed out today. We need impact benefit
14 agreements that are a lot more water tight than the
15 ones we initially have with the mines that we've
16 learned from. We have to learn as we go along.

17 Now, it appears that Fortune Minerals is
18 willing to facilitate employment and business
19 opportunities for aboriginal groups, but I have to tell
20 -- I have to point out that I see almost like a higher
21 hierarchical order of things where Tlicho first,
22 aboriginal organization second and then northern
23 businesses.

24 Well, I have to point out that the North
25 Slave Metis Alliance is not just an aboriginal group is

1 this area. The North Slave Metis Alliance possesses
2 Section 35 aboriginal rights to these lands and I know
3 it's a delicate balancing act for Fortune Minerals to,
4 on the one (1) hand, make sure that proper benefits
5 flow to the Tlicho because all the lands around the
6 Nico project are Tlicho settlement lands.

7 But at the same time, I urge Fortune
8 Minerals to consider the North Slave Metis Alliance as
9 an aboriginal rights holding organization and one (1)
10 that needs to be at the site in terms of employment and
11 business opportunities. We've always said that.

12 And the impact benefit agreements have
13 to be negotiated with the North -- with both the Tlicho
14 and the North Slave Metis Alliance in order to secure
15 and ensure that benefits flow to the affected
16 aboriginal peoples who are going to lose the
17 nonrenewable resources and riches of their lands.
18 That's only right and fair.

19 So again, I emphasize and I restate that
20 the North Slave Metis Alliance recommends to this Board
21 that they recommend to the minister that this mine go
22 to a full environmental review hearing so that all
23 those issues can be thoroughly examined and informed
24 consent be secured from all the aboriginal people
25 through the Tlicho and North Slave Metis and including

1 the Yellowknives who are downstream of the contaminants
2 that are going to be going through the watershed.

3 So with that in mind, Mr. Chairman, I
4 conclude my remarks. Thank you.

5

6 QUESTION PERIOD:

7 THE CHAIRPERSON: Thank you. Could you
8 turn on the power please? We don't have a copy of your
9 text. We'd like to have a copy of that for our record
10 as well.

11 You know, the Review Board's been in an
12 operation since the creation of the Mackenzie Valley
13 Resource Management Act going back to 1987, '88, and
14 along the way, you know, they -- they established a
15 process as to how, you know, we conduct business. And,
16 you know, we -- we try our best to -- to follow that
17 process. We try our best to help educate the Developer
18 and the parties in this whole process. And, you know,
19 going forward I think, you know, that we have a process
20 already in place on this file.

21 And everybody had an opportunity to
22 present their presentation to the Review Board in a
23 timely fashion. And -- and it's gone like this for
24 other projects as well, and future projects. But the
25 thing is, is that, you know, this -- this presentation

1 is supposed to be on socio -- socioeconomic. And, you
2 know, the other present -- presentation that was done
3 today was exactly on that.

4 And, you know, we also changed our
5 format this week, where -- where we had parties come in
6 and -- and governments as well, to state in the first
7 three (3) to five (5) minutes exactly if they support
8 this project or not. And -- and, for the record, we
9 have it and it's there.

10 And so, when -- when I review this
11 presentation, there is some different components in
12 here that are -- are partly related to the
13 socioeconomic of the agenda item we were talking about
14 and some are political statements and so on. I
15 understand all that.

16 But, you know, I just want to make sure
17 that going forward, this is -- you know, our process is
18 -- is there and it needs to be respected as well, and
19 people need to follow it. And -- and next time, you
20 know, I'm going to call it. And if it's not there in
21 time, then it's not there. You know, we -- we can't --
22 business has got to continue on. So I want to just
23 point that out and -- and it needs to be clear.

24 So with that, I'm going to go to
25 questions. Questions to -- to the parties that -- that

1 the North Slave Metis had presented. I'm going to go
2 to Fortune Minerals.

3 Is there any questions for the North
4 Slave Metis Alliance on their presentation?

5 DR. RICK SCHRYER: Rick Schryer,
6 Fortune Minerals. Thank you, Mr. Chairman. Just two
7 (2) quick points of clarification.

8 An MS -- NSMA representative, as
9 selected by the NMSA, did participate in one (1) of the
10 heritage resource surveys conducted at the Nico site
11 and this -- the results of this survey are on the
12 public registry.

13 The second is to clarify our position
14 concerning the TK study and the MOU. We did feel it
15 was important that the NMSA submit their TK study
16 before we went into negotiations for a Memorandum Of
17 Understanding. We understand that that will be done on
18 September 15th, and we feel that once we've reviewed
19 that study properly, we can proceed further with
20 negotiations. Thank you.

21 THE CHAIRPERSON: Thank you. Questions
22 for the North Slave Metis Alliance, I'm going to go to
23 the Tlicho government.

24 GRAND CHIEF EDWARD ERASMUS: Grand
25 Chief Eddie Erasmus, Tlicho government. No questions.

1 THE CHAIRPERSON: Thank you. I'm going
2 to go to the Yellowknives Dene First Nation, any
3 question for the North Slave Metis Alliance on their
4 presentation?

5 MR. TODD SLACK: Thank you, Mr. Chair.
6 Todd Slack, Yellowknives Dene. No comment.

7 THE CHAIRPERSON: Thank you. I want to
8 go to the Government of the Northwest Territories.

9 MR. SHAFIC KHOURI: Mr. Chair, no
10 questions. Shafic, Government of the Northwest
11 Territories.

12 THE CHAIRPERSON: Thank you.
13 Aboriginal Affairs and Northern Development...?

14 MR. PAUL GREEN: Thank you, Mr. Chair.
15 It's Paul Green with Aboriginal Affairs. We have no
16 questions.

17 THE CHAIRPERSON: Thank you. I'm going
18 to go to the Review Board staff.

19 MR. JOHN DONIHEE: Thank you, Mr.
20 Chairman. John Donihee. There are no questions from
21 Board staff.

22 THE CHAIRPERSON: Thank you. Every
23 time I go to my right side of my Board there's too much
24 questions, eh? I'm going to go to this side. I'm
25 going to go to Percy Hardisty, Board member.

1 MR. PERCY HARDISTY: Mr. Chair, no
2 questions.

3 THE CHAIRPERSON: Thank you. Rachel
4 Crapeau, Board member?

5 MS. RACHEL CRAPEAU: Thank you, Mr.
6 Chair. No question at the moment.

7 THE CHAIRPERSON: Thank you. Board
8 member Danny Bayha?

9 MR. DANNY BAYHA: Thank you. No -- no
10 questions. Thanks for your presentation.

11 THE CHAIRPERSON: Thank you. Richard
12 Mercredi...?

13 MR. RICHARD MERCREDI: No questions,
14 thanks for your presentation.

15 THE CHAIRPERSON: Thank you. Mr. James
16 Wah-shee...?

17 MR. JAMES WAH-SHEE: Mr. Chair, I just
18 want to thank them for their presentation. No
19 questions. Thank you.

20 THE CHAIRPERSON: Thank you. Mr. John
21 Curran...?

22 MR. JOHN CURRAN: Thank you, Mr. Chair.
23 Just having worked in other organizations that have
24 capacity issues, like many people in the North, I want
25 to thank Mr. Enge and his group for making

1 presentations through this process. And no questions
2 at this time.

3 THE CHAIRPERSON: Okay, thank you.

4 I'm going to take this opportunity also to thank the
5 North Slave Metis Alliance, Bill Enge and Enge for
6 being part of this process. And it's actually -- it's
7 welcoming to see you guys here, to see that there is a
8 process in place. And you know the -- the rules are
9 this. So I want to say thank you to -- for you guys to
10 come out and making your presentation here in the last
11 number of days.

12 This concludes the Nico Public Hearing
13 in Behchoko, EA 0809-004. There is still a couple more
14 days yet in October 10 and 11. Normally we will have
15 closing comments by parties and -- and also the
16 Chairman. So we're going to hold off on that until
17 October 10 because on October 10th after the end of
18 that day, we're going to have our closing comments
19 then.

20 And also on the -- the October 11th, we
21 had agreed to put a day aside to listen to the Behchoko
22 and the Tlicho citizens on -- on their issues and
23 concerns in regards to Fortune Minerals on October
24 11th, so that's it -- what we're -- we said we were
25 going to do.

1 So with that, I'm going to go -- it's
2 appropriate when we do these kind of meetings, it
3 doesn't matter if it's this Board or if it's a -- an
4 assembly or anything like that, that we always go to
5 the host community.

6 And I just wanted to go to Chief
7 Clifford Daniels. And then -- and also Grand Chief
8 Eddie Erasmus. I'm going to go to the Grand Chief to
9 Eddie -- Grand Chief Eddie Erasmus.

10 GRAND CHIEF EDWARD ERASMUS: Grand
11 Chief Eddie Erasmus, Tlicho government. Masi, Mr.
12 Chair.

13 It is good to hold these meetings in our
14 communities and -- and get the people, the general
15 public, Tlicho citizens, to see and hear these
16 technical discussions. We are not done yet and there is
17 work to be done. There remains information gaps and
18 uncertainties.

19 This process is beginning to address
20 those gaps, and I am hopeful this will be cleared up.
21 We are looking forward to a full search and discussions
22 about traditional knowledge. We have said that we hear
23 our own -- in a way we have our own view of the world,
24 that we are glad that we will get to share that view in
25 October.

1 We acknowledge that our assembly
2 members, Elders, citizens who are here to listen and we
3 know that they wish to speak. And I -- we are very
4 pleased to hear that the Review Board is setting all of
5 that October 11th day aside for public to be heard.
6 Masi cho.

7 And just to add I have an Elder here
8 beside me that will do the closing prayer once we are
9 all completed with our closing remarks. Thank you.

10 THE CHAIRPERSON: Thank you, Grand
11 Chief Eddie Erasmus. Appreciate your comments and --
12 and I'm looking forward to coming back in October.

13 Again, you know, it's always appropriate
14 to, first of all, thank the host, Chief Daniels again
15 for allowing us to come into your community and
16 allowing us to use your facilities here for this public
17 hearing. I want to say Masi. And to the Elders in
18 your delegation, thank you.

19 Also I want to take this time to also
20 thank our Board members. Again, it's been a long week.
21 Monday we were in Whati and then Tuesday we had
22 meetings in Yellowknife, and then Wednesday we had
23 meetings in Yellowknife, and then Thursday and Friday
24 we're here. And, you know, it seems like, you know,
25 any -- anytime you guys meet, you know, there's --

1 there really is not a -- a perfect meeting because we
2 had delays in Whati, you know, we had weather problems,
3 we had equipment problems. In Yellowknife we had power
4 outages, things we don't plan for, you know, and also
5 the agenda then was laid out, you know, we really
6 didn't allow for more people to provide more questions.

7 So, you know, we could have probably
8 spent another day just to really go through this. But
9 -- well, I'm glad that we were able to agree and come
10 to -- allow for two (2) more days for this hearing.

11 So -- also, you know, sometimes, you
12 know, we see it, you know, as a former leader and
13 everybody around the table too as well, that sometimes,
14 you know, we -- we hear what people have to say in
15 terms of their -- their political statements and -- and
16 positions. And, you know, that's -- unfortunately
17 that's the way the business is. We have to respect our
18 -- our own process as well.

19 So like I said is that based on the
20 times that we had over the last four (4) days, I
21 believe that the time frame that I mentioned this
22 morning, working out for October 10 and 11, I'm -- I'm
23 just going to reemphasize the -- the need to continue
24 to stick to the agenda and time frame.

25 And we'll be here, but we're going to

1 start a little bit earlier and we're going to be here
2 for lunch, which will be half hour. So -- just so that
3 we are able to listen to the Elders and as mentioned
4 the Grand Chief.

5 So I just want to point that out. You
6 know, the Board members too, a lot of them travelled a
7 long ways to be here. Danny Bayha is from Dene, from
8 the Sahtu region. Rachel Crapeau is from Yellowknife.
9 James Wah-shee is from Behchoko and Edzo. Richard
10 Mercredi comes from Fort Smith. John Curran, just
11 recently lives in Yellowknife. Percy Hardisty lives in
12 Fort Simpson.

13 And so I want to let you know that and
14 also I want to thank the -- the developer, Fortune
15 Minerals. I want to thank you for your presentation
16 and we had a really good meeting and we got two (2)
17 more days coming up. I want to thank you and your
18 staff and all the presenters from the GNWT, AANDC,
19 Environment Canada, DFO. These are the people, you
20 know, that became party status to this whole process,
21 you know, the North Slave Metis, Fisheries and Oceans
22 Canada, Government of Northwest Territories, Transport
23 Canada, and Natural Resources Canada. A lot of those
24 guys made every effort to be here as well. I want to
25 say thank you and I want to wish you all a safe journey

1 home.

2 Also, without the translators, you know,
3 it's always that -- we always recognize our
4 translators, regardless. You know, they made every
5 effort to be here and they're tired and so on, so I
6 want to say thank you to Mary Rose Blackduck, Peter
7 Huskey and James Rabesca. Masi.

8 Also -- also, Lorraine Douglas, our lady
9 on the side here, the one (1) that was yelling and
10 saying your name and everything, you know, so I want to
11 say thank her -- or thank her as well for the
12 transcripts and it will be here in the next few days,
13 probably even Monday. I know those guys are really
14 good and they work quick. Also, without the sound,
15 Pido Production from Yellowknife, Pat Braiden in the
16 back, I want to say thank you for making your time
17 available for -- for us.

18 Also, the local caterers that provided
19 food the last number of days here is Marlene Isadore
20 (phonetic) and also Lena Chocolate. I want to say
21 thank you for your -- for the food. And also, you
22 know, the guys that run around the back, you know,
23 bringing out the tea, coffee, and -- and that are
24 Richard Bishop, Gary -- Gary Woodsen (phonetic), and
25 William MacIa (phonetic). I want to say thank you for

1 your time too. Masi.

2 Also, you know, there was a lot of
3 pressure on the -- on the Review Board too, as well.
4 You know, this meeting was -- wouldn't be possible if
5 it wasn't for our staff. And, you know, we always got
6 to recognize our staff as well, because it's important
7 that we do that.

8 And despite that, you know, we know have
9 another public hearing coming up in two (2) weeks in
10 Yellowknife on Giant Mine, and so, you know, the next
11 couple of weeks -- next week we're going to be in Board
12 meetings. The week after that we're going to be back
13 in Yellowknife for a public meeting, so -- and then
14 probably three (3) weeks down the road, or four (4),
15 we'll be back here in Behchoko. So we're going to have
16 to take off our thinking hats, and from Giant Mine back
17 to this process again, so.

18 So it's a long weekend, too, as well, so
19 I think a lot people need a well-deserved rest. So I
20 just also want to just recognize that on the far side
21 here I got Vern Christensen, Alan Ehrlich, our legal
22 counsel, Mr. John Donihee. Chuck Hubert is also the
23 person that's in charge of this file, Paul Mercredi,
24 Simon Toogood, Shannon Hayden, Stacey Menzies, and
25 Cailin Makin and Travis Shendel -- Shindel (phonetic).

1 But I just want to say, you know -- you
2 know, these guys got here a day early. These are the
3 guys -- the ones that set the tables and all the food
4 and chairs and everything else in the community, so I
5 want to say thank you to my staff. Masi cho.

6 Also -- we also brought in help from the
7 Wek'eezhii Land and Water Board staff. I want to thank
8 Brett Wheler and Kathy Racher. She's not here right
9 now. She's on her way down to Vancouver to pick up her
10 daughter. So again, you know, we rely on our sister
11 boards to help us out and vice versa, you know. So
12 it's always good to do that. So I want to say thank
13 you to them, as well.

14 With that, you know, I look forward to
15 your next meeting. And I believe -- I'm not sure if
16 you have an Elder that's going to do a present --
17 closing prayer.

18 Okay. So I'd like to close this public
19 hearing on EA 0809-004 Nico project list -- project
20 file until we meet and conclude on October 10th and
21 11th. And then we'll go from there.

22 Thank you very much and masi cho.

23

24 (CLOSING PRAYER)

25

1 --- Upon adjourning at 4:19 p.m.

2

3 Certified Correct

4

5

6

7

8 _____

9 Lorraine Douglas, Ms.

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

!	133:15	91:20	95:19	
!> 102:4	135:16	95:21 96:2	147:16	2
	136:7,8	140:5	125 7:15	2 9:3 10:3,7
>	140:20	151:23	135 10:12	13:7,25
> 103:6	141:7	164:16	139 9:7	16:3 17:14
	142:2,3	174:24,25	145 7:17	20:1 24:5
\$	151:19	191:22	14th	36:14
\$1.4 162:1	155:25	192:23	247:23,24	38:22 40:5
\$1.5 149:9	162:16,21	201:9	15 9:7 15:8	65:22
\$10 161:13	164:11	270:14,17	19:2 84:4	93:20
\$343 161:25	170:8,10,1	273:22	91:20	95:10,14,1
\$382,000	3 173:16	100 27:12,15	139:21	6
163:13	175:21	54:12	192:23	129:20,21
\$467,000	176:1,11	147:12	228:12	133:14
163:8	177:19	10th 14:12	234:17	134:21
	180:10	233:24	152 7:18	135:15,16,
	181:12	234:1,2,5	156 162:5	20 138:15
	185:12	270:17	159 7:20	139:16
	187:7	277:20	15th 10:12	140:11,20
	194:10,11	11 24:5	15:7	152:9
0	196:11,12	191:22	135:7,13	162:1,10
0809-004 1:6	201:14	234:10,18	136:2	174:17
11:5	202:19,24	235:10	139:7,13	176:7
270:13	204:20	251:2	254:13	194:11,22
277:19	208:19	270:14	259:2	195:6
	209:12	273:22	267:18	219:24
1	213:9	11:00 47:23	16 7:8	220:7,17,2
1 10:4 19:7	216:17,25	11:04 88:9	16.17 250:9	2 223:11
24:17	217:3	11:17 88:10	16.20 250:9	228:20
25:16	219:2	112 22:2	17 165:3	234:9,16,2
26:25	220:10,11,	113 7:14	171 7:21	5 236:24
36:12 40:4	17 230:16	115 164:24	17th 15:15	250:2
51:24 52:4	234:25	11th 14:12	18 146:17	251:16
56:19	235:9	233:25	203:20	254:7
61:13 65:9	236:23	270:20,24	230:15	255:9
69:11 72:5	244:9	272:5	180 162:19	262:23
74:1,10	251:4	277:21	1800s 257:11	267:7
84:15	255:6	12 19:16	188 162:15	273:10
85:8,21	258:9,14	96:3 223:6	19 79:14	274:16
88:15	259:18	12:00	160:11	276:9
89:4,7,17	262:19	14:14,16	1987 265:13	2:30
92:17	263:8	234:1,2,12	199 9:10	14:17,18
95:13	264:4,9	12:30		20 14:25
103:1,7	267:9	14:16,17		27:11 82:8
109:5	275:9	87:3		84:4
111:3	1.8 162:3	234:2,3,12		160:11
112:6	1:08 171:17	120 19:10,11		174:23
114:16	1:35			195:7
117:12	171:18,24			213:7
122:5,9,10	10 7:6 19:2			218:9
,16	24:5 27:10			200 7:23
126:11,12	88:22			
127:24				

2002 94:24	120:1,2	45:13	199:4,11	96.5 228:15
2009 228:22	124:22	141:1,2		98 7:12
2012 1:22	140:24	163:1	<hr/> 6 <hr/>	99 164:25
9:7 10:12	141:2	178:22	6 61:16	165:3
15:15,17	145:25	181:25	140:9	<hr/> A <hr/>
136:2	152:19	202:24	141:6,7	a.m 11:1
139:21	172:8	225:7	181:25	88:9,10
228:10	178:19	231:13	234:7	AANDC 6:6,12
234:10,18	181:25	248:10	6,600 228:16	7:11 26:16
207 7:24	191:15,16	258:11	6:30 11:12	29:3 30:11
20th 10:6	192:24	273:20	6-metre-wide	32:4 33:14
18:3 32:9	198:25	276:14	257:25	35:9 36:12
35:7 40:23	199:7	4.4 230:13	<hr/> 7 <hr/>	37:15
56:12,18	201:22	4:00	7 23:24	39:10
133:1,7,17	204:18	14:18,20	121:14	92:9,20,25
135:20	211:23	191:20	122:5	93:5
22 243:23	212:1,10	4:19 278:1	7.2 80:24	98:9,18
224 8:3	214:20	40 159:3	70 202:6	99:7
22nd 15:17	216:10	202:6	73 231:18	100:21
233 8:4	221:25	45 158:19	246:18	104:6
24 7:9	231:14,17	4th 135:5	75 163:5	105:7,16
24/7 227:23	236:24	199:4	7th 248:18	107:6,13,1
248 9:14	246:18	<hr/> 5 <hr/>		8 111:8
25 212:7	262:8	5 23:12	<hr/> 8 <hr/>	126:8
25,400	266:7	40:12,23	8 7:3 122:4	128:24
228:12	276:14	87:1 88:6	140:8	136:9,22
253 8:7	3:31 252:12	141:4	234:4,5,13	138:5
265 8:8	3:43 252:13	151:23	257:10	147:10
269 162:12	30 27:11	163:1	8:30	148:24
278 8:10	84:4 113:9	181:25	234:1,11	149:2
27-kilometre	171:11	184:17	85 149:11	153:6,25
257:24	212:8	252:7,9	87 34:11	274:18
28th 231:5	213:24	253:18	88 265:13	AANDC's
<hr/> 3 <hr/>	300 34:13	258:10		57:11
3 9:8 33:17	162:9	266:7		100:17
38:19	30th 9:10	5:00		102:2
40:8,11,22	199:2,10	234:3,13		107:10
,24 66:2	31 1:22	50 21:25	<hr/> 9 <hr/>	Ab 180:12
88:1,24	31st 11:5	27:11 28:6	9 7:4 168:4	aback 255:14
91:20,21	33 230:12	33:22	9:00 14:14	abandonment
92:1,14	35 259:13	91:4,9	9:15 11:3	94:6
93:15 99:4	264:2	158:24	14:14	abilities
100:12	363 162:6	213:25	9:16 11:1,6	169:8
105:2	<hr/> 4 <hr/>	500 186:2	92 7:11	205:13
	4 1:23 9:11	51 231:17	95 221:12	ability
	13:6 17:5	57.1 228:24		58:10
	38:19	5th 9:10		130:17
	44:5,23			139:2

146:11,16	168:9,11	183:13	131:23	128:1
169:19	169:16,25	access 14:7	186:20	163:19
190:7	170:2	22:21 95:9	acid 120:11	actually
203:2	177:22	161:17	acidity	11:6 20:18
220:6	180:12,13	171:25	63:23 64:2	28:23,24
able 21:9	186:13,18,	183:22	acknowledge	29:19 39:3
31:9 51:13	23,24	201:10	149:12	40:21,24
54:16 58:8	187:19	204:17	223:1,4,5	46:15,19
61:8 67:13	202:7	234:8	272:1	50:5 51:7
71:18,21	209:4,7	258:1,13	acknowledged	55:19 57:1
84:14,17	213:1,19,2	accessed	233:19	60:12 62:7
85:7 88:2	1 220:15	111:25	acknowledgin	63:1 74:15
92:6 94:12	221:5,12,1	accommodate	g 147:16	75:11
113:23	7 222:4	42:6 58:8	across 37:6	130:7
114:20	223:3	101:16	146:8	136:23
115:7,8,21	228:15	191:23	149:5	140:8,10
,25 124:14	235:20,23	192:3	151:5	158:6
174:8	236:7	257:25	152:1	174:4,18
182:25	237:4,25	accommodatio	155:7	175:7,20,2
185:13	238:7,16	n 255:15	169:24	4 176:3
188:9	255:13	accomplish	186:3	179:16
192:2	256:2	46:17	act 60:8	186:19
194:18	259:12,14,	accordance	80:2 243:2	196:21
227:23	15 261:8	19:17	264:3	215:19
229:6	262:2	140:5	265:13	226:16
231:5	263:19,22,	according	acting 93:3	270:6
243:3	25	21:5	active 57:24	adaptive
250:5,12	264:2,9,16	234:17	95:8,14,20	231:11
253:10	,24	account	97:7,12	232:10,13
273:9	268:13,15	103:3	98:22,24	add
274:3	Aboriginal-	accountabili	99:25	42:15,20,2
aboriginal	owned	ty 232:9	100:6,18	1 51:7
26:15,21,2	183:6	accountable	105:8	63:24,25
2 30:23	184:11	187:18	220:5	122:9
32:7 92:16	abs 119:13	achievable	actively	125:14
93:4,14	absolutely	33:20	19:15	161:3
94:1,24	75:3	achieve	56:14,17,2	272:7
95:25	119:13	34:19	0 95:24	added 22:7
96:10,13,2	202:11	45:15	96:1,14	69:7
4 99:9	absolve	126:16	108:3	227:20
100:23	100:8	achieved	205:24	233:24
102:12	accept 10:4	34:11	activity	addictions
104:20	117:4	131:14,18,	9:14 72:6	204:8
105:18	133:15	24 231:17	247:17	205:3
106:21	135:17	achievement	248:15	addition
107:20,22	240:10	131:18	actual 36:2	42:2 51:10
108:25	248:3	achieving	37:9	163:11
111:13	acceptable		105:10	additional
113:4	129:6			13:25 14:9
126:8,10	accepted			25:12
153:5				48:22
165:4,20,2				
3 167:19				

49:17 69:5	39:4 55:10	96:10,13,2	138:18	262:22
96:25	97:4 183:5	4 99:9	139:19	agreements
104:23	administrati	100:23	156:6	210:16
147:21	ve 135:13	102:12	224:16	211:25
151:14,20	admitted	104:20	225:12,15	214:20,25
156:5	147:14	105:18	agenda 13:23	215:1,17
163:21	adopted	106:21	14:13	223:13
208:15	169:7	107:20,22	15:24 16:1	230:5
233:20,24	adult 204:2	108:25	113:8	232:6
address	239:24	111:13	150:14	262:13,15
48:3,4	250:20	113:4	158:16	263:14
51:13	advance	126:8,10	191:11,12	264:12
55:24	103:10	153:5	193:6	ahead 20:23
85:17	Advanced	209:4,7	224:2	33:11
118:14	224:17	224:19	233:17,25	49:25
146:5	advantage	235:20,23	234:6,17	156:22
150:5	229:6	268:13,15	235:4	198:22
192:4	adverse	affect 61:23	266:13	202:10
196:1	21:21 22:8	102:5	273:5,24	204:7
219:5	131:20	affected	agent 64:1	206:10
227:24	260:2	236:7	ago 140:5	207:3
231:11	261:13	237:4,25	149:13	208:12
271:19	262:2	238:7	188:9,16	209:9
addressed	adversely	264:15	204:18	Aileen 5:4
51:12,17	259:23	afforded	253:18	air 76:11
60:3 122:7	advice 77:20	263:12	agreed 200:2	145:7
124:5	137:2	Africa 71:25	212:2	163:13
146:2	143:18,19,	aftermath	233:23	167:2
256:3	22	190:21	254:8,16	174:23
addresses	advisable	afternoon	270:21	airplanes
54:20 96:8	230:9	196:17	agreement	204:5
250:22	advise 49:2	200:17,20	161:17	Airport
addressing	advised	225:1	210:21,22	228:1
168:17	137:8	229:24	211:4	Akaitcho
adequacy	advisory	afterwards	212:5,13,1	24:15
148:15	65:21 66:3	119:10	9 214:5	255:19
adequate	189:18	129:25	221:3	Alan 2:6
17:25	advocate	against	222:16	276:21
148:6,12	259:20	212:22	231:16	Alaska 68:13
253:15	Affairs	259:5	232:18,23,	alcohol
261:14	26:15,21,2	age 28:5	25	204:4,17,2
adequately	32:7 92:16	228:12	236:8,21	2 227:1,11
261:21	93:4,15	agencies	238:17	Alfonz 3:13
adjourning	94:1,24	38:7	240:23	191:7
278:1	95:25	106:19	241:8,19,2	Alice 188:9
adjusting		108:15	5	alkaline
69:9		agency 9:5	242:2,10,2	61:19
183:11		107:7,14	2 243:9	alkalinity
adjustments		108:8	244:9	
			254:19	
			259:10	

63:24	93:11	am 101:18	announcement 156:14
alleviated	164:2	103:12,16	252:18
188:21	175:20	113:20	
Alliance 4:8	233:19	182:9	annual 50:9
8:7 39:22	272:15,16	213:23	annually 176:3
89:13,23	allows	225:5	anyone 227:25
103:13,15	168:22	257:4	anything 151:17
105:6	all-season	259:21	271:4
107:5	181:15	271:20	anytime 272:25
125:10	205:9	amazing	
154:13,15,	257:25	176:2	anyway 16:6
21 155:10	all-weather	America	70:17
172:20	205:11	152:2	anyways 13:17
192:9	already	amongst	245:24
208:7	18:18,21	263:1	anywhere 178:14
235:25	19:23	amount 54:5	202:5
236:4,23	42:22,25	79:16	apart 79:19
238:19	43:15	80:17	80:3
252:8	56:11 87:6	102:14,15	apologies 142:2
253:2,5,18	92:11	111:16,17	apologize 40:23
254:2,9	124:4,12	145:20	apparent 10:7
255:1,6	158:7	205:4	133:18
256:5	164:14	213:17	135:21
258:24	172:8	amounts 18:1	Apparently 89:5
260:16	175:4,9,12	62:18	APPEARANCES
261:1,4,12	179:18,19	Amy 4:18	2:1 3:1
,15,22	183:13	224:19	4:1 5:1
262:4,13,2	189:19	243:17	6:1
3	191:21	244:22	appears 178:2
263:1,9,25	204:4	245:4	259:4
264:1,8,14	222:2	analyses	263:17
,20	226:1,3,24	21:11	Appendix 80:24
267:4,22	265:20	analysis	Apple
268:3	altered	18:3 80:23	113:18,20
270:5	260:2	82:8,20	122:14,15
Allice 6:20	alternate	119:19	123:10
allow 14:24	102:21	124:12	141:24
87:21 89:8	alternative	170:25	144:14
95:18 97:4	100:7	Analyst	
192:14	104:23	224:20	
234:7,8,23	118:17,25	analytical	
252:21	alternatives	137:10,11	
273:6,10	100:5	Anchorage	
allowance	118:12	68:13 72:1	
195:13,20	140:23	and/or 16:2	
allowed	aluminum	animals	
20:14	35:2 71:9	62:10	
234:16	79:23	127:15	
261:10	80:13		
allowing			
89:14			

191:7	y 36:6	213:4	114:4	188:18
Apples 6:23	118:8	255:23	142:5	206:21
116:22	appropriatio	256:15,20,	artificial	227:7,8
applied	n 256:11	24	90:6	assisting
199:23	approval	257:4,20	A's 113:11	47:7
200:3	107:6	258:18	234:8	141:12
applies	136:15	259:15,16	Ashcroft 5:7	associated
193:15	232:24	260:23	aside 168:21	54:6 58:20
apply 34:21	242:1,23	264:1	191:21	59:4 97:2
221:18	approvals	areas 93:15	270:21	99:16,17
appreciate	101:1	115:14,19	272:5	100:8
78:5	approved	138:3	aspect 51:25	118:14
126:18	122:1	166:17	249:22	120:7
235:14	258:3	190:20	262:18	124:7
272:11	approximatel	201:14	aspects	137:2,15
apprentices	y 19:16	206:4	51:25	231:24
222:20,23	54:12 81:5	231:1,2	59:16	Associates
262:24	95:19,21	257:21	65:22 85:8	20:20
apprenticesh	96:2	arguing	93:20	52:21 54:2
ip 163:22	161:13,24	148:13	174:17	55:9 62:4
175:19	162:1,5,9	argument	176:7	80:12
221:11,18	195:7	207:1	assembly	assume 31:24
239:25	230:13	arm 168:15	271:4	38:25
262:21	251:1	arrangement	272:1	assumed 94:4
appretic	aquatic 17:3	212:12	asser 118:23	assuming
262:24	66:1 93:17	arrangements	assertion	32:23
appro 121:25	archival	156:6	61:16	156:21
approach	258:23	arrive	assess 139:2	assurance
18:6 95:25	arctic 47:20	256:22	232:12	22:7
206:24	130:21	arrived	assessed	182:24
approached	area 25:20	256:19	261:21	assurances
181:19	77:19,21	arrives	assessment	118:13
approaches	79:15,24	144:18	22:11,13	assured 51:4
164:11	80:5 81:6	arriving	42:16	127:21,23
appropriate	97:19	87:18	82:15	attached
44:4	114:1,4,12	arsenic	105:20	74:18
103:20,23	,25	22:1,3	118:23	Attachment
118:4	115:7,8,21	28:5	120:25	133:6
144:19	116:7,11	33:22,24	121:23	attempts
164:4	127:14	34:10,12	122:8	20:23
226:17	148:22	46:7,16	150:2,17,2	attend
231:10	149:8	71:8 74:13	5 160:21	122:23
271:2	164:15,20	79:22	assist 47:3	attended
272:13	166:6,19	80:12	97:21	190:19
appropriated	167:1,3	89:18,19,2	206:3	attention
261:3	168:4	1,25	assistance	201:1
appropriatel	184:12	90:2,4,5,7	11:24	audience
	200:25	,8,11,12,1	186:22	
	202:14	3 91:5,9		
	203:10			

191:4	avoided	balances	76:15	223:11
August 1:22	204:17	180:23	77:2,3	becomes
9:10 10:6	award 186:18	181:3	78:3,4,21,	98:25
11:5 18:3	awarded	182:10	22	215:6
32:9 35:7	183:16	balancing	79:11,12	232:6
40:23	awarding	264:3	80:6	Beers 177:21
56:12,18	181:23	ballpark	81:7,9	211:23
82:8	185:6	34:2	82:23,24	213:6
133:1,7,17	aware 40:6	Balsillie	83:4,12,13	beg 87:16
135:20	108:11	5:3	111:2,3,7	begin 224:24
199:2,10	162:17	bankrupt	112:10,11,	225:3
231:5	229:5	112:1	15 143:1,2	beginning
Aurora 175:5	awareness	barriers	157:11,12	212:9,16
229:10	227:12,14	202:15	173:15,16,	213:6
239:20	away 12:23	215:15	23,24	271:19
authorities	65:23 82:4	229:16	176:10,11,	begun 175:9
218:24	84:8	base 61:18	23	behalf
authority	124:14	160:14	177:9,10	140:15
111:15	147:23	164:23	210:10,11	behaving
authorizatio	205:10	187:13	211:6,7	181:9
ns 101:8		based 17:19	249:9,10	behaviours
available		19:13	251:7,8,18	164:13,22
16:16,19,2	<hr/> B <hr/>	21:19	269:8,9	Behchoko
1 17:23	Bachand 3:25	38:17	274:7	1:21 13:7
18:4 24:4	backed 118:9	42:12,22	Bayha's	14:12,22,2
25:12	backfires	43:1	185:10	4 51:3,4
81:20	221:4	102:18	BC 29:24	93:12
82:20	background	150:15	186:4,19	113:19
130:1	9:4 133:9	160:6	213:13	122:16
134:10	138:24	239:15	bear 137:25	178:23
148:14,17	139:17	240:4	Bearing	196:18,20
166:15	217:16	273:19	65:12	197:13,14
174:20	backsliding	basic 239:24	Beaulieu	203:25
175:2	215:8	250:21	256:25	234:20
197:16	backup 43:7	basically	257:5,6,9,	258:2
206:22	47:6	72:22	14	270:13,21
215:14	back-up 60:8	82:17	beautiful	274:9
226:15	61:7	136:17	13:5	276:15
227:14	backyard	164:8	beaver 116:9	behind 81:25
239:23	214:2,8	166:16	became	88:15 93:7
240:1,3,4	backyards	197:7	274:20	beings
275:17	254:5	basis 163:25	become 28:25	107:16
avenue	bad 204:19	181:17	67:13 69:2	belief 46:2
77:19,25	balance	254:17	138:10	believe
averages	180:23	Bay 219:15	215:7	41:21 43:4
81:1	185:21	257:17	218:11	48:14
averaging	252:4	Bayha 1:12	219:9,10	49:11,12,2
235:2		75:24,25	220:5	2 54:16
avoid 244:10			222:20,23	

55:16	264:12	betwe 63:1	Bishop	93:10,19
117:23	benefits	Bev 5:12	275:24	97:21 98:1
120:24	161:22,24	beyond 15:1	bismuth	99:13
122:4	171:5	184:20	97:16	101:7,11
137:23	177:22	185:4	bit 36:17	102:6
140:25	188:6	BHP 177:20	54:14	103:10
141:5	207:4	211:23	63:25	104:3,4,16
142:5	228:25	213:5	76:12	,23 105:22
148:19	229:2	263:9	113:20,25	106:4,24
155:4	260:9,16	bid	126:19	108:3
159:3	262:5	183:4,12,1	130:16	110:14,16,
193:11,18	264:4,15	7	132:7	19,23
194:15	benign 120:3	bids 183:13	136:13	111:1,15
201:8,21	Bernard 4:13	Bill 2:18	147:17	112:9,16,1
211:19,25	Bertha	4:7	172:9	9,23 119:4
213:9,14	196:17	87:14,16	174:1,3	122:1,2
220:16	200:22	88:3	243:23	128:17,20
244:13	beside 272:8	89:10,12,1	274:1	131:9,11
248:5	besides	3	Black	132:18,20
273:21	78:24	103:14,15	196:17,18	133:2
277:15	best 12:3	105:4,5	200:22	134:15
believed	28:3 37:12	107:3,4	Blackduck	135:2
146:4	40:6 49:14	125:12	275:6	136:5,17
212:5	77:19,22,2	154:14,15	blame 255:3	138:12,14,
believes	5 92:14	155:11	blending	24
45:25 96:6	146:25	159:16	55:18	139:2,5,7,
Bell 29:23	151:24	164:6	board 1:3,10	24 141:14
belongs	175:8	179:15	2:10 11:23	145:6
12:11	184:2,24	183:9	12:2,15	146:23
104:3	185:3	184:14	13:24	150:15
benchmarks	190:23	185:24	14:6,21	151:9,13,1
215:18	192:1,24	192:8,9	15:2,11	6 152:5
beneficial	204:9	208:9	18:4 21:10	154:18
75:7	205:13	236:2,3,25	23:20 24:4	155:24
benefit	221:5	237:20,21	29:9,20	156:1,2,15
119:19	232:6	253:3,4	30:9 32:10	157:2,5,10
124:12	235:14	270:5	48:14,17,1	,15,19,23
162:25	265:16,17	billion	8 53:9,12	166:9
183:1	better	162:1,3	54:23,25	167:5
188:6	34:18,19	230:13	56:4,6	172:23,25
202:22	55:24	Billiton	57:7,9	173:1,15
221:3	72:14	263:9	58:15,17	177:8,12,1
229:7	130:17	bio 186:6	60:15,17	6 181:4
239:13	137:21	biologically	61:11	185:10
240:25	184:3	62:10	64:7,9,10,	186:3
254:3,18	202:2,16	Birchtree	12,23	189:21
259:10	203:12	29:24	66:8,12	198:19,24
260:12	215:17	birds 127:16	68:1 75:24	199:3
262:13,15,	220:12		76:4 81:19	203:24
22 263:13			82:9,20	206:14,24
			83:12,16	209:9,11
				210:1
				225:6,8
				230:10

233:24	107:25	258:14	243:15	226:6
238:25	112:2	brief	244:2,20	277:6
240:17,21	bonding	16:14,24	246:10	Bruno 5:8
241:25	151:18	24:24	249:25	B-trains
243:3,23	books 257:13	26:6,12	256:14	258:10
245:8	boom 249:14	27:21	briefly	buffer 42:20
247:10	booth 189:24	34:6,23	22:18 55:1	buffering
248:4,25	booths	35:22	203:15	69:5
249:5,9	185:23	39:24	bring 114:21	build
251:7,18,2	bottleneck	40:16	137:25	18:17,20,2
1 253:5,21	178:6	41:4,18	138:4,5	4 20:25
259:1,19	bottom 24:20	52:18 53:3	166:9	21:2,4,7
262:19	33:1	55:6 57:19	167:4	30:25
264:20	152:20	59:9 60:23	174:25	31:19,24
265:22	235:19	66:23	184:2	33:7 37:3
268:18,21,	Boyan 6:12	68:23 70:6	189:21	41:25
23,25	Braiden	73:16	203:9,10	166:3
269:4,7	275:15	77:14	223:14	167:4,16,1
271:3	brake 174:24	78:14 80:9	bringing	7,23
272:4,20	breach 263:2	83:18	25:6 152:4	230:21
274:6	break	84:20	275:23	building
276:3,11	87:1,24	88:19,20	brings	18:22
277:7	88:7	90:22	184:22	31:7,8,14
boards	158:15	93:25 98:6	Brittany	41:12 42:2
108:15	168:22,25	103:25	4:14	59:13
148:6	227:2	110:7	224:20	180:11
277:11	234:2	111:10	229:24,25	buildings
Board's	252:10	123:15	233:7	17:8 22:19
13:19	breakdown	124:1	236:17	built 37:3
16:13 49:1	227:2	129:18	237:2,16	42:5 67:2
87:16	breaks 14:13	132:4	238:13	73:20
140:5	Brett 5:18	133:25	241:5,23	188:25
259:8	53:11,12	134:12,18,	242:14	bullets
265:11	54:24,25	24 144:24	246:12	228:20
Bocking 2:25	56:5,6	158:10	247:9	Burke 21:22
54:14	57:8,9	159:8	248:2	bus 181:17
bodies	58:16,17	160:1	250:1	business
167:12	60:16,17	161:19	broached	15:16
body 25:15	61:12	189:14	240:22	160:22
106:4,12	64:8,9	191:17	broad 138:3	161:5,6
109:10	128:19,20	193:21	broke 89:6	164:9,14,1
121:2	131:10,11	194:1,7	broken 21:13	8 165:2,24
136:12	132:19	203:16	260:2	166:3,18,2
bois	134:14	209:19	brought 47:3	5
256:19,21	136:6	214:11	121:1	167:1,3,8,
Bolstad 6:11	277:8	218:20	180:11	15,19,20
bond 32:1	bridge	222:12	181:6	168:11,15,
103:4,6,9,		228:5	201:5	19
18,23		229:22	213:12,17	
106:9,23		233:5		
		236:15		
		237:14		
		238:11		

169:2,17	276:25	169:16	carefully	21:15
178:8	calculate	180:13	202:14	31:1,8
180:13,14,	36:1 75:12	186:12	260:3	53:18,19
15,20	81:22	257:1	caretakers	55:17,22
181:18	calculated	candidates	219:12	82:10
182:10,24	22:16	163:23	Carey 4:22	124:6,11
183:25	90:11	canoe 220:2	caribou	cease 147:22
184:4,11,2	calculating	capacities	158:13	cell
4 185:4,15	36:4	165:11	Carlo 2:12	37:4,6,9
186:3,13,1	calculation	167:4	carried	60:9 69:11
4	111:18	168:24	106:2	130:6
187:11,12	Cam 3:7	capacity	119:19	252:18
206:9	camp 17:13	18:1 42:3	carry 259:19	cells 36:19
230:21	163:3	69:5 85:7	case 29:12	37:4,7,8
246:19	170:20,22	160:18	31:6	60:8,11,13
248:18	176:17	166:3	47:12,18	71:10 90:9
255:16	226:10,15	167:17,24	48:2 81:17	cent
263:18	Canada 4:23	180:11,14	82:2 84:14	183:15,16
264:11	5:22	184:2	92:6 94:19	central
265:15	6:4,17	230:21	99:14	150:7
266:22	24:21	254:11	103:18	centre
273:17	25:2,22	255:10	142:9	190:14
businesses	26:3,10,16	269:24	148:24	227:19,20
164:20	39:18 89:9	capture	155:4,6,7	centres
165:10,15,	93:4	85:12	178:11	239:24
18,20,21	109:13	114:15	222:1	cents 184:21
166:10,19	110:1,3,5,	captured	244:11	century
167:2,5,21	10,12	90:6	case-by-case	28:22
168:23	113:5	car 201:17	163:25	CEO 217:15
169:1,3,14	125:21	Cardinal	cases 48:6	certain 54:5
,18	128:6,10,1	4:15	183:24	176:13
170:2,3	2,13,15	224:13	cash 112:5,6	212:6
178:3,16,1	152:21,24,	care	Cat 221:7	228:17
7,19,21,24	25	12:13,14,2	catch 234:15	260:15
179:3,5,6,	153:1,3,6	1 95:4	243:23	certainly
9 180:25	154:9	97:2 118:2	category	66:1 76:5
181:1	161:22	147:8	25:17,18	79:15,16
183:6	172:10	228:3	caterers	81:3,22
217:18	179:2	career	275:18	176:7
260:18,20,	209:4	200:22	caught 138:9	187:22
21,22	228:10	201:17,25	cause 225:24	190:5
263:23	235:21	218:2	CCAB 169:23	198:24
busing	257:2	219:11	180:19	218:13
181:21	274:19,22,	careers	182:3	220:11
bust	23	218:9	187:3,23	226:24
249:14,16	Canada's	220:5	CDF 18:2	246:16
buy 184:4	259:13	223:16		248:6
<hr/>	Canadian			251:9
<hr/>	6:14			
C	167:18			
cadmium 35:2				
Cailin 2:8				

certainty	126:10	142:18,22	52:10,15,2	128:4,11,1
117:14	128:9,20	154:14	4 53:7,24	6 129:15
Certificate	131:11	155:12	54:22 55:3	131:8
8:10	132:20	156:1,21,2	56:3	132:1,17
certificates	136:7	5 157:25	57:2,6,16	133:22
197:10	144:1	159:13	58:14 59:6	135:9
Certified	145:4	172:25	60:14,21	136:4
278:3	152:7	182:20	61:10 62:1	138:11
cetera 70:24	153:8	184:9	64:6,11,25	139:9,23
chain 115:4	155:1	192:8	65:4,17	140:17
159:16	157:4,17,2	198:24	66:7,11,20	141:8,13
164:7,12	0 172:18	208:10	67:25	142:11,15,
179:16	173:5,9,13	218:1	68:21	19,25
260:1	,17,21,25	236:3	70:13,25	143:4,8
Chair	177:19	237:1,22	72:10	144:12
16:1,11	182:14	240:21	73:3,13	152:8,17,2
26:21 29:5	188:4	242:19	74:7,24	5
30:13,20	192:14	244:8	75:19,23	153:5,14,2
32:6 33:16	193:10	245:10	76:14	4
36:14	194:13	246:2	77:1,11	154:8,12,2
37:17 40:4	198:7	249:2	78:2,12,21	4
41:7 43:24	205:22	253:4	79:2,10	155:9,14,1
48:25	207:5	265:3	80:6 81:7	9,23
53:6,12	209:11,22	267:6	82:6,22	156:17,24
54:25 56:6	210:3,8,11	268:20	83:4,11,15	157:6,10,1
57:9 58:17	211:12	270:16	84:18	4,18,22
60:17	224:7	Chairperson	85:18	158:2,12
61:13 64:9	225:2	1:11 7:6	86:17,21,2	159:10
66:10 68:3	239:6,11	11:3 13:2	5 87:15,23	171:8,21
75:22,25	251:20,23	23:23	88:12	172:19
79:12 82:5	268:5,9,14	24:10	90:17	173:2,6,10
83:14	269:1,6,17	25:7,21	91:16	,14,18,22
86:20,24	,22 271:12	26:2,8,14	92:22	174:13
92:16	Chairman	27:18	98:5,13	176:9,22
93:2,13	11:11	29:2,15	99:1	177:8,12,1
94:14	25:2,24	30:8 31:3	100:10,21	6 179:13
95:16	44:15	32:3,17	101:18,23	182:12,17
96:13	45:17 65:9	33:13 34:3	102:8	183:8
97:6,14,25	66:14	35:8,19	103:12	184:6
99:9	72:13	36:11,24	104:1	185:7
100:23	87:14	37:14 38:2	105:1,15	187:20
102:1,12	89:13	39:9,17,21	107:1,18	188:1
104:8	103:14	40:1,13,25	108:21	189:12
105:18	105:5	41:14	109:11,16,	190:10
107:20	107:4	42:24	21,25	191:1
108:25	113:19	43:22	110:4,9,13	192:16
109:23	122:15	44:12,17	,18,22	193:14,23
110:21,25	123:6	45:1,19	111:1,7	194:3
111:4,13	125:13	46:12,23	112:9,15,1	195:14,21
112:18,21,	135:1	48:10,23	9,23 113:3	196:5
25 125:25	138:14	49:5,18	123:10,17	198:5,14,2
	140:1	50:1,12	124:16	0
	141:11,23	51:15	125:4,9,20	199:13,18
			126:1,7,21	205:19

207:10,21, 24	183:20,21 196:2	114:22 115:3,9,24 ,25	205:18 207:7 209:21 210:7 211:3 217:9 222:14 224:1 272:6 277:5,22	114:9,14 clarification n 56:10 72:14 74:10,22 142:7 145:6 154:16 202:7 267:7
208:6,18,2 3	chance 47:24 176:4	chemistry 21:1,4,14 31:21 69:22 71:4 72:8 82:9,11	Chocolate 3:14 6:24 275:20 choose 88:23 206:20 chosen 183:24 Christensen 2:9 276:21 chronic 226:19 Chuck 2:2 145:10 209:10,11 276:22	clarified 130:13 clarify 56:11,23 76:12 131:12 142:13 198:19 246:20 267:13
209:3,8,16 ,24	chances 41:21 42:8 change 22:15 23:13 34:1 42:18 76:21 80:16 82:18 231:12	Chenkie 3:17 chief 11:8,10 13:3 41:6,8 50:3,25 51:16 127:2,4 128:4 191:6,8 224:15 225:11 239:10,11, 16 240:8,9,11 267:24,25 271:6,7,8, 9,10,11 272:11,14 274:4	Chosen 183:24 Christensen 2:9 276:21 chronic 226:19 Chuck 2:2 145:10 209:10,11 276:22	clarity 130:2 150:3 249:3 Clark 6:19
210:5,9 211:1,6,9, 13 214:13 216:14 217:7,23 218:5,17 220:8,16 222:9 223:18,22 225:2 233:11 235:24 236:11,22 237:9,20 238:8,18 239:8,16 240:7,11,1 6 241:3,13,2 1 242:4,11,1 6 243:11 244:4,16 245:1,7,18 ,22 246:8,21 247:8,12,1 8,24 248:17,24 249:4,8,23 251:6,17,2 1,25 252:15 265:7 267:21 268:1,7,12 ,17,22 269:3,7,11 ,15,20 270:3 272:10	changed 15:13 149:13 266:4 changes 15:20 191:12 charge 112:13 276:23 Charlie 3:2,15 113:18,19 116:22 122:14,15 123:10 141:24 143:12 144:14 Charlwood 4:4 check 83:23 185:21 checking 135:12 checks 180:22,23 181:2 182:9 chemical 46:10 63:1 72:7 80:23 chemicals 72:18 80:25	chiefs 209:23 child 225:13 children 85:24 122:18,19, 23 188:23 205:1,2,4, 14 221:25 228:18 259:23 children's 251:3 cho 41:7 98:15 139:11 141:23 142:12 143:12 167:1 200:12	circumstance 54:7 circumstance s 254:21 cited 260:19 citizen 14:10 170:6 181:9 citizens 14:10,19,2 4 167:23 196:20 218:14 270:22 271:15 272:2 claim 263:2 claiming	classification on 119:24 120:4 141:2 classroom 176:3 clay 119:6 clean 67:2 84:3 103:21 104:11 112:8 115:8 173:15 cleaning 221:9 cleanse 72:17 115:21,25 cleansed 107:16 114:8,10 cleansing
chairs 277:4 Chair's 89:14 challenges 120:21				

103:19	152:6	66:4 74:2	71:15	229:10
105:9	277:18	77:7	cobalt 71:9	239:20
125:16	closed 81:14	82:8,20	79:20	Colomac
clean-up	127:22	84:6	97:15	149:9
68:13	241:11	86:2,6,12,	co-	column 46:8
70:23	closely	14,15	disposable	combination
149:10	120:9	87:20	141:3	75:13
clear 26:19	136:21	91:8,13	co-disposal	comes 71:23
117:17	214:18	92:25	17:6,11,15	81:23
119:13	closer 23:7	93:17,21,2	,21 19:23	109:3
123:21,23	28:23	3	23:2 53:14	186:13
130:9	170:16,19	95:2,11,24	100:19	204:3
137:18	closes 79:18	96:7,25	101:4,10	219:2
140:2	117:17	97:3,5,8,1	119:9,16	221:12
141:18	closest	0 98:20	120:14	263:7
151:11	204:20	104:15	121:5	274:10
177:25	closing	105:25	130:8	comfort
203:4	14:20	106:13,14	136:9,12	120:10
247:5	30:17	108:4	137:19	131:6
266:23	167:25	113:14,21	141:3	216:5
cleared	205:21	114:20	coffee	comfortable
271:20	206:13	115:20	275:23	19:5 38:23
clearly	207:1,5	118:11,17,	cold 30:4,7	210:14
45:25	262:3	18,20,25	68:20	261:18
126:24	270:15,18	119:1	117:7	coming 14:21
141:25	272:8,9	126:13,14,	collaboratio	18:10
166:19	277:17,24	16 127:10	n 209:14	20:17 24:5
168:5	clousur 98:20	128:1	collaborativ	26:9 53:19
179:8	closure	129:12	e	56:1 79:20
181:14	7:8,11,14,	130:11,12	179:21,22	99:23
Cliffe-	17 14:15	132:25	collaborativ	100:1
Phillips	16:9,12	133:9	ely 150:13	130:7
5:20	17:1,4,5,1	140:21,22	151:6,10	131:3
Clifford	5	145:3,7,12	colleague	141:17
3:11	18:3,6,10	,16,21	194:10	147:21
50:3,4,25	19:6,12,21	146:1,3,7	colleagues	150:7
127:2,4,5	21:12,23,2	147:15	216:12	170:14
239:10,11	5	148:9,19,2	224:11	174:8
240:9	22:9,16,19	0	collect	252:1,5
271:7	,24	149:17,20	230:23	272:12
climate 30:4	23:3,7,9,1	150:12,21	collected	274:17
44:10	1,14	151:5,9,11	100:4	276:9
70:10	31:2,12,25	,12 153:11	258:17	commencing
climates	32:1 35:6	161:1	collective	11:1
30:7 117:7	40:8,21,22	168:6	94:9	commend
clo 86:5	50:20	249:12	College	182:22
clos 151:11	51:11,18,2	250:7,13	175:5	187:24
close 15:18	4 52:1	closures		comment
82:3 84:8	59:18 60:4	94:16		53:20 55:1
	65:10,25	Cluff 5:5		
		co 119:3		
		coal 69:20		

122:10	226:20	189:8	121:14	completely
200:17	250:6	190:14	146:15	241:12
206:13	committee	191:25	147:18,20,	complex
217:10	65:15,21	197:13	23 148:13	120:6
220:11	66:4	201:11,18	149:1,2,5,	complexity
268:6	136:10,12,	202:23	23	55:12
comments	15 137:3,8	204:1,3	150:1,4,14	comply
14:1	committing	206:6,8	151:10	226:21
129:21	30:25	218:11	153:22	component
145:9,23	31:14	224:16	164:9	201:8
174:12	201:2	225:12,14	165:24	203:13
189:23	230:23	227:19	175:14	components
191:10	communicate	228:14,21	181:18,21	17:5
199:21	168:5	229:8	186:6,11,1	126:12
207:13	communicatin	239:15,21,	4	151:11
211:18	g 197:12	23 240:3,4	189:6,8,21	266:11
216:13,15	communicatio	246:20	,22	compounds
251:15	ns 166:22	253:14	190:3,6,24	62:8 63:7
270:15,18	communities	256:10,16,	200:20,21	compromising
272:11	82:1	17,23	201:2,5,16	146:8,11
commit 40:11	160:19	257:3	202:2	con 115:12
121:15	161:3	259:12	206:1,3	132:14
134:21	163:7,18	260:5	210:22	230:14
139:13	166:3	261:1	215:4	concentrate
commitment	167:17	271:5	218:11	80:20
23:11	170:15,18	272:15	221:5	191:25
50:15 52:6	174:21	277:4	240:24	258:11
56:14 94:9	175:2,7	community-	241:20	concentrated
121:17	178:22	owned	242:10,22	61:22
135:15	190:16	260:18	251:11	concentratin
217:16	196:23	companies	257:18	g 62:16
226:11	202:21,24	165:21,22	Company's	concentratio
227:5	221:18	166:1	151:1	n 90:12
254:12	222:6,24	168:10	164:9	concentratio
commitments	227:1,16	169:24	compared	ns 32:12
7:4 10:1	233:3	185:13,18,	36:18	34:17
15:10	234:20	22	119:21	90:10
141:14	238:17	186:22,25	compete	concept
150:1	249:15,18	212:5,10,1	178:25	72:21 95:1
226:3	251:10	7,24	competent	119:1
233:2	271:14	214:21	190:4	136:10
250:8,11	community	215:7	competitive	conceptual
255:6	51:8 65:15	217:22	169:19,20	65:13
committed	93:12	companion	180:16	98:20
19:15	160:6,8	94:25	complete	118:18
22:25	167:24	company 40:5	14:8 25:24	140:21,22
52:22	169:3,12	47:11 82:2	completed	concern 10:9
56:17,20	171:2	95:23	195:25	
95:24	178:10,20,	102:22	254:11	
96:14	25 184:2	111:21	272:9	
141:5	188:5,6,18	112:1		
150:11		119:22,25		

35:16 36:3	concludes	38:24	consideratio	30:6,25
73:24	39:10	42:13 60:2	n 13:14	33:21
89:22	191:2	61:1,7	69:25	34:10,18
93:15	233:8	64:20	144:16	35:1
116:16	270:12	configuratio	consideratio	36:16,20
133:20	conclusion	n 37:7	ns 45:6	37:2
135:24	171:4	confined	considered	47:14,17,1
136:25	261:11	178:8,9,20	103:20	9 48:7
142:1	conclusively	179:10	132:11	54:9,19
143:18	147:6	confirm	149:22	57:23
146:15	condense	13:18	218:2	67:19
147:1,9	92:10	15:20 24:3	237:24	69:18 70:9
149:19	condition	59:2 96:22	261:20	73:19
151:18	19:12	250:5,12	considering	76:19
193:9	22:17 23:7	confirmed	14:1	96:18
concerned	59:18	46:21	133:4,5	117:5
19:14	232:23	conflict	148:16	construction
114:19,22	242:1,23	56:13	163:25	20:24
115:13	conditions	225:4,9	218:8	57:13
122:16	18:23 33:7	connect	considers	161:1
148:17	44:7 45:11	258:1	146:23	162:8
202:4	46:5,6,18,	consensus	consist	168:6
255:21	20 47:21	157:1	66:18	constructive
256:1	48:7,9	consent	consistency	67:4
concerning	72:3	156:22	56:1	consult
61:2	130:22	264:24	consistent	236:6
216:19	133:10	consequence	234:24	253:10
267:14	262:14	57:4 257:6	consistently	261:12
concerns	conduct	consequences	149:18	consultant
19:7 83:21	21:11	146:18	150:3	130:1
85:17	166:7	consequently	constant	134:9
93:22	170:24	79:5	85:13	consultants
95:11	265:15	conservative	constituents	47:4 49:16
108:11	conducted	32:22 33:3	36:3 73:24	consultation
109:9	22:10	consider	constitution	169:5
115:10,16,	267:10	13:20	259:13	253:15
17 130:4	18:13 23:5	54:2,8	261:9	255:15
188:14,20,	171:1	120:21	constraint	258:19
23 226:6	186:14	121:22	148:18	261:14
256:7	conducting	129:2,6	construct	consume
270:23	180:6	164:4	21:9 54:9	116:1
conclude	confidence	189:7	constructed	consumer
141:17	42:21	216:22	16:18	161:4
238:19	71:23	236:19	17:7,19	Con't 3:1
265:4	confident	264:8	18:9 21:18	4:1 5:1
277:20	21:12,14,1	considerably	28:15,16,2	6:1
CONCLUDED	7,21 32:20	91:6	0 29:22	contact
116:19				253:20
123:8				contacted
143:25				
144:10				

253:19	253:17	159:24	Corp 163:10	149:10
contain 59:1	contingencie	169:8	corporate	Coulton 3:8
89:25	s 42:4,5	189:7	167:23	council
contained	contingency	contracts	170:6	167:19
262:15	118:5,9,11	168:22,23,	180:9	169:16
contaminant	137:15	25	181:9	180:12,13
69:23 70:1	contingent	169:9,10	185:17	186:12,16
75:16	15:6	178:4,7	186:5,7,10	counsel 2:10
89:19	254:16	182:21,22	224:14	3:9,25
contaminants	continual	183:4,16,1	corporation	93:7
74:16,20	120:25	7 184:16	165:16	110:16,17
75:13	continue	contribute	167:9,11	276:22
76:18	24:12	106:23	178:5,9	counselling
79:17	28:10	161:10	180:1,5	176:14
89:17	39:11 92:8	230:14	181:13,20	189:5,8,18
114:15	109:12	contributed	182:3	190:15,21
115:13	117:20	121:21	217:15,18	206:16,17,
265:1	144:18	contract	corporations	20 210:19
contaminated	165:7	21:11	178:10,21	counteract
79:1 114:6	167:15	conversation	179:1,10,1	64:1
115:24	171:12	241:11	1	counterparts
147:2	172:22	converted	correct	260:11
contaminates	191:4	112:5	51:19,21	262:10
76:8	200:6	convinced	75:10	country 78:9
114:11	223:14	145:9	166:10	261:10
Contango	224:2	cooperative	193:25	couple 29:21
16:20	235:17	169:5	238:19	30:19 33:9
18:15	266:22	212:12	241:2	54:2
29:19 34:9	273:23	coordination	278:3	56:8,12
35:25 37:2	continued	230:4	corrected	76:1
46:15	39:2,3	coordinator	178:2	87:20,21
57:22 67:1	119:8	196:18	correspondin	136:8
69:1 73:19	199:25	coordinators	g 118:12	194:17
75:2 76:17	continues	200:23	corridor	195:3
cont'd 8:1	118:1	copper 9:6	257:25	204:18
contemplated	132:15	29:24	cost 32:1,2	245:10
262:6	continuing	97:15	94:12,20	270:13
contemplatio	25:4	121:11	95:9	276:11
n 185:20	continuously	137:6	124:11	coureur
contend	229:17	138:19	177:4,7	256:19,21
53:17	contract	139:20	cost-	course 25:5
content	181:23	151:22	effective	32:21
236:7	183:12,15	copy	183:18	46:21
CONTENTS 7:1	185:6	152:10,12	costing	50:23 61:3
8:1	contracted	156:8	31:25	66:5 79:24
context 32:8	162:13	238:25	140:21	81:21
103:23	contracting	265:8,9	costs 119:19	111:6
117:1	148:8		139:1	124:9,10
			148:12	152:14

courses 176:15,18	credit 257:15	249:21	225:5	83:12,13
cousins 204:18	creeks 116:11	Curran 1:13	231:13	111:2,3
cover 17:21	crime 163:24	65:6,8,18	237:17	112:10,11
23:2	204:13	66:8,9	245:15	143:1,2
53:18,22,2	criminal	112:24,25	246:18	157:11,12
3	163:24,25	141:20,22	260:14	173:15,16,
54:3,5,21	critical	142:16,17	custom	22,24
55:2,12,13	31:21	157:23,24	18:20,22	176:11
90:25	crossings	182:18,19	20:25 36:3	177:9,10
101:4	258:13	184:7,8	cut 15:1	185:10
118:25	Crown 94:4	185:8,9	cutoff	210:9,11
119:5,6,20	104:10	187:21,22	119:25	211:6,7
124:5,8	112:4,7	217:24,25	120:8,11	249:9,10
251:2	148:6	218:5,6	cutting 57:5	251:7,8
covered	crushing	220:10	cycle	269:8,9
210:21	62:13,20	240:17	249:14,17	274:7
covers	cultural	245:8,9,19	cycles	DAR 80:24
54:9,10,19	117:1	,23,25	249:14	95:12,18
Crapeau 1:17	206:12	246:1	<hr/>	data 37:10
83:16,20	culturally	247:11,12,13	D	61:5
85:19,20	204:10	248:20,21	<hr/>	132:12
86:19	261:1	269:21,22	Dale 5:23	203:7
110:23,24	culture	274:10	damage	database
143:9,12,1	195:6	Curran's	114:24	166:9
7 157:7,8	224:18	247:6	256:11	186:1
173:7,8,12	228:8	current	damaged	187:6
188:2,3	229:4	21:23	261:2	date 15:8
190:11,12	239:19	34:15	Damian 3:3	89:3
206:14,25	250:16	117:3,23	dams 70:23	184:16
210:6,7	culverts	119:6	Dan 3:8	191:21
251:18,19	258:14	164:22	dance 262:8	197:14,20
269:4,5	Cumulative	186:1	Daniels 3:11	203:7
274:8	261:20	187:16	50:3,4,25	247:20
craving	Cumulatively	195:17	51:16	248:5
158:13	231:17	241:7	127:2,4,5	253:16
create 74:12	curi 114:19	currently	128:5	261:14
145:19	curious	22:1 28:4	239:10,11,	dates
146:4	70:16 76:8	29:23 70:9	17	15:11,13,2
229:14	124:11	73:25	240:8,9,11	0 233:19
created	185:10	80:12,14	271:7	247:1,21
12:10		81:6	272:14	248:1
70:18		105:20	Danny 1:12	daughter
164:23		117:3	75:24,25	277:10
creates		119:22	77:2,3	daughters
147:23		164:14,18	78:3,4,22	122:19
creation		166:5,24,2	79:10,12	day 1:23
265:12		5 167:3,6	81:9	13:6
		179:19	82:23,24	14:2,6,23
		186:3		15:16 24:5
		187:13,15		37:21
		213:7		

85:22	59:20	235:9	demonstratio	55:12 71:3
100:16	68:11	default	n-scale	72:8 86:12
115:17	81:15	148:13	18:17,25	99:25
117:10	89:21	defaulted	60:2	deposit
132:8,10	127:24	149:6	Dene 40:2	98:19,23
134:22	169:24	defiantly	101:24	99:11
191:21,22	185:13,22	104:20	125:5,8	111:5,14
192:4	186:24	defined	144:24	118:24
233:17,20,	dealt 108:14	150:1	145:5,14	125:16
24	118:20	151:12	149:18	148:25
234:5,10,1	Dean 5:5	definitely	151:3,8	149:6,9,16
9,23	decade	66:6	152:22	154:19
235:1,9	164:23	definition	153:15	155:3
248:18	decide	146:9	154:18	230:12
252:24	12:1,9	153:20	155:16	deposits
253:6	47:25	definitions	158:3	148:5
258:11,12	48:19	168:20	172:13	depth 32:24
270:18,21	112:12	delay 255:10	180:4,18	69:9 121:8
272:5	146:25	delayed	188:11	des
273:8	decided	192:13	207:25	256:19,21
277:2	13:24	delays 273:2	208:3	descendant
days 13:7,25	145:18	delegation	239:4	257:5
30:10	decides	272:18	268:2,6	describe
130:14	111:5	deliberation	274:7	136:11
140:5	decision	s 50:23	dense 226:7	239:12
185:1	11:14,23,2	delicate	denser 32:25	described
234:25	5	264:3	department	18:2 93:19
251:16	12:3,8,15,	delivered	95:10 96:6	95:12
270:11,14	16 195:19	250:22	102:13,17	257:17
273:10,20	decision-	demon 37:10	111:16,22	Description
274:17	making	demonscral	175:21	9:2 10:2
275:12,19	97:22	60:1	195:5	deserve
day-to-day	decisions	demonstrable	224:9,14,1	260:9
187:14	187:12	18:12	8,21 228:8	deserves
De 2:12,24	declaration	demonstrate	230:1	260:5
52:20 54:1	225:4	19:3 31:9	239:19	design 31:22
55:8 62:3	declared	38:11 79:7	250:17	33:12 36:4
80:11	225:9	demonstrated	departments	44:3,6,9,2
124:6	decline	148:11	101:13	4
177:20	232:17	demonstratio	depend 77:17	45:7,9,10
211:23	declined	n 37:10	dependency	46:16,19
213:6	241:8	42:1 46:22	133:10	55:16
deal 22:24	decrease	61:6	dependent	57:23
31:17 42:3	38:16	67:16,21	37:9 77:24	59:16
50:16	120:17	demonstratio	depending	60:1,5
71:18 82:2	dedicate	n 37:10	38:15	67:18,19,2
85:16	234:19	42:1 46:22	99:18	2 69:25
130:11,18		61:6	depends	70:20
166:1		67:16,21		71:3,21
168:15				
207:4				
dealing				

82:13 85:8 95:2 138:9 designated 186:22 designation 186:16,20 designed 58:7 67:3,20 69:13 70:4 71:6 72:23 85:6,15 168:15 232:11 designing 69:1 176:25 177:2 designs 34:15 67:10 desire 94:9 despite 14:13 276:8 destroy 114:24 destroyed 261:3 destruction 256:11 detail 27:3 54:17 104:16 detailed 145:17 details 131:22 196:3 230:7 determinatio n 23:1 105:22 261:8 determinatio ns 29:10 151:14	determine 25:11,16 119:20 258:6 determined 120:1 Determining 95:5 Dettah 84:1 85:21 180:7 189:1 develop 18:11 52:14 96:25 97:11 151:10 167:21 169:23 179:20 239:22 developed 71:25 94:2,14 104:14 108:2 118:11 150:13 168:8 229:13 developer 15:15 47:22 48:3 52:13 53:13 93:14 98:23 117:10 119:7 123:22 132:24,25 138:8 140:25 141:5 265:17 274:14 developers 185:12 developing	17:3 71:24 79:5 126:13 180:7 250:18 development 26:16 50:20 65:22 93:4 94:10,19,2 2,24 97:15 102:4 113:5 146:10 150:20 153:6 164:4 183:1 185:11 188:8 200:22 201:17,25 203:9 207:2 229:1,19 230:20 231:23 232:6,16 235:21 249:13,15 260:10 268:13 developments 208:13 262:5 Dewatering 6:14 DFO 5:10 19:17 274:19 dia 219:15 diabetic 226:18 diamond 197:4 206:15 212:1,4,17 216:11 217:12 220:22 246:18	262:8,14 263:10 Dianne 4:12 Diavik 177:20 211:23 213:5,8 difference 22:14 184:19,20 185:5 differences 150:20 151:4 different 29:22 35:4 36:2 54:15 63:7 67:2 69:11 71:6 72:3,4 73:23 100:7 101:1 106:7 112:3 138:6,7 147:18 151:2,21 156:3 166:18 175:22 176:6,7 183:21 202:12 220:1,2 223:15 266:11 differentiat e 47:16 136:14 differs 194:15 difficult 12:6,7 41:10 148:4 151:5 244:23 259:25 diffusion	55:22 digest 47:24 diligently 255:19 dined 70:4 dinner 158:6 dir 257:4 direct 87:12 161:2 162:2 169:13 191:17 203:1 257:4 directed 167:7 directing 167:12 direction 207:7 209:23 directly 49:4 111:21 167:8 168:15 210:21 238:24 director 93:3 224:13,17 directors 253:21 disadvantage 147:25 disappear 76:10 disappointin g 215:2,10 disaster 147:4 discharge 20:6,14,17 21:6 discharged
--	---	---	---	--

91:3	diseases	111:18,23	Douglas 5:22	84:22
discrepancy	226:7,19	132:7	275:8	86:10
40:20	disposition	154:21	278:9	90:24
discrete	94:16	162:13	downplay	98:11,15
25:20	disrespect	165:9,12	108:5	116:21
discriminate	142:3	167:9,13	downplaying	124:3
259:5	distressing	172:6	107:21	125:2
discriminate	261:3	175:4	downside	126:23
d 212:22	division	189:5	160:12	129:20
discuss	30:22 32:7	190:17	188:7	132:6
16:21	33:17	196:11	downsides	134:1,20
discussed	35:11	218:7	188:24	135:11
22:22	93:6,9	255:16	189:1	136:20
65:24,25	doable 72:21	258:23	downstream	139:11
75:15	document	260:24	17:18 50:7	140:18
93:15	23:10,17	266:2	54:20	142:12
95:17	29:20	267:17	61:25	155:17,21
102:16	47:10,23	271:16,17	133:3	159:12
106:10	48:4 49:14	Donihee 2:10	265:1	200:12
117:13	95:1	48:23,24,2	downwards	205:21
127:8	156:2,9	5 49:6	84:10	209:21
196:9	documented	53:10	Dr 16:10,20	214:15
210:25	28:22,24	110:15	27:23,25	217:9
253:12	documents	135:1,2	28:12,14	218:22
discussing	108:2	138:13,14	31:5 32:19	222:14
127:18	122:24	139:10,25	34:8,25	267:5
206:15	123:5	140:1	35:24 37:1	draft 151:12
259:9	dollars	141:9,10	38:4 40:18	drama 204:16
discussion	163:8,12	151:20	41:20	draw 19:18
37:21 43:1	183:15	155:25	43:8,24	drawbacks
108:19	184:21	156:1,18,2	44:14,19	54:18
109:3	202:22	0,21	45:3,21	drilled
121:20	230:14	172:24	46:14,25	25:13,14
212:9,11	Domco 167:2	198:21,22,	48:13	drilling
225:10	domestic	23	49:9,13,22	25:11
236:20	160:15	240:19,20,	50:17	drinking
237:19	Don 141:8	21	51:20	204:14,19
238:16	247:3	241:4,14,1	52:12 53:5	drive 84:1
252:20	done 15:10	5,16,22	57:3,21	161:4
discussions	23:16	242:5,6,7,	59:11	174:23
52:21	34:10	17,18	60:25	197:7
104:19	41:23	243:22	64:19	217:3
127:19	51:17 58:9	244:6,7	65:3,19	driven
225:25	67:16	246:25	66:25	148:21
226:2	69:6,12	247:3,4,21	68:25 70:8	driver
237:18	71:14 72:2	,23,25	71:1,2	220:12
271:16,21	88:13	268:19,20	73:18 75:1	drivers
disease	102:23	276:22	76:16	216:20
226:21		door 246:2	77:16	221:7
		Dora 203:21	78:16 79:3	
		double 83:22	82:7 83:6	

drives 150:14	199:2,8 254:1	75:5	195:5 206:11	262:11
driving 219:9	dynamic 184:24 185:1	easier 163:17 204:6	210:18 215:24 218:24	efficiency 18:23 52:4
drop 43:13		easy 60:12	221:7	efficient 23:16
drought 84:25	dynamicness 185:3	181:23 204:17	224:17,18 228:8 229:3	efficiently 96:9
drug 227:1,10	<hr/> E <hr/>	eat 158:6 171:14	239:19,25 250:16,17, 21 251:3,4	effluent 29:23 30:3
drugs 204:4,15,1 7	EA 1:6 11:5 118:16 156:10 270:13 277:19	eaten 90:7	educational 175:25 229:11	effort 96:25 169:13 180:3 217:22 274:24 275:5
Ducks 4:3		ECE 245:20	educationall y 204:10	efforts 44:1 164:8,10,1 3
due 46:4 94:5 95:7 108:1 183:19 226:7 254:10,20	ear 88:18 173:11	echo 145:11	educations 221:14	165:1,7,15 167:5 168:2 230:4 251:10
Duke 6:8 93:7	earlier 18:19 22:2,19 47:2 51:22 71:3 76:1 77:4 78:5 88:18 91:19 102:16 111:14 129:22 158:7 172:9 189:23 231:4 247:22 249:11 274:1	economic 9:14 147:23 188:7 206:12 225:17 245:12 247:16 248:14	Edward 3:12,14 41:6 267:24 271:10	
Duncan 3:19		economically 260:25	Edzo 274:9	eh 41:1 268:24
Dunka 29:25		economics 159:23	effecient 23:16	Ehrlich 276:21
duration 72:23		economy 161:3 246:3,5	effect 129:2 184:3 186:20 256:9	eight 122:4 140:8 234:4,5,13 257:10
during 9:9 19:2,8 22:9 50:22 58:24 59:13 62:12,23 63:2,22,25 64:1 67:21 84:23 91:1 97:10 98:19 111:5 115:9 117:16 147:10,13 149:1 150:2,14,1 6 162:7,8,10 ,23 163:6,20 176:16 196:9	early 15:23 18:16 19:21 31:8 97:3 106:12 121:3,4 126:13 199:3 257:11 277:2	ecosystem 58:13 75:18	effective 149:15 151:25 152:2 177:4,7 232:8,15,1 9	eighteen 146:17 203:20 230:15
	earnings 160:15	Eddie 41:8 267:25 271:8,9,11 272:11	effectively 149:20 187:5	eighty 162:19
	ears 173:15	Edjericon 1:11	effectiveness s 232:12	eighty-eight 162:14
	earth 12:10,11	educate 265:17	effects 21:21 22:8 46:9 65:23 66:1 93:17 97:17 261:20	eighty-two 163:12
		educated 222:6,7 263:4		either 24:14 38:16 123:20 170:15 238:24 245:24
		education 160:17		

257:22	emergency	239:19	237:11,12,	264:15
Elder 65:15	163:9	250:16	20,21	ensures 96:8
113:18	227:22,24	255:17	238:21	229:18
116:21	emerging	262:17	253:3,4	231:10
122:9,14,2	40:6	263:18	269:25	ensuring
1 127:13	empathize	264:10	270:5	138:8
144:7,22	208:10	encountered	engineer	226:20
272:7	262:10	71:7	54:13	entertain
277:16	emphasize	encourage	55:23	178:14
Elders 14:19	15:8 24:12	153:23	engineering	184:15
65:20 66:3	26:18	217:1	59:25	193:8
117:1	231:8	222:19	67:22	entertained
123:1,2	264:19	251:9	121:9	176:20
132:9	emphasized	encouraged	138:4	entire 37:6
144:19,21	15:5	212:13	engineers	55:22
171:14	employabilit	230:18	37:12	255:3
188:11,13	y 196:1	encouraging	English	entrants
219:25	employable	164:2	24:15	163:22
234:18	174:10	217:17,19	113:16	entrepreneur
235:6,9,11	employed	220:4	122:12	181:20
,16 259:24	202:25	endeavour	143:15	entry 263:11
272:2,17	228:13	217:20	144:3	entry-level
274:3	231:22	engage 181:9	ENR 5:2	163:21
electrician	245:15	259:8	39:16	environment
221:1	employee	engaged	109:24	4:22 20:10
element 36:5	188:18	167:18	126:5	22:12 26:9
97:9	189:17	218:8	145:11	42:18,20
elements	employees	engagement	193:11,17,	43:11,13,2
17:8 21:12	174:5,6	86:13	24 194:9	0
22:18 62:9	176:16	169:16	enriching	63:19,20,2
65:11	202:20	206:1	248:23	1 89:9
73:24	226:13,15,	207:22	ensure 37:5	91:14 93:3
220:3	18	220:15	43:16	94:15
253:11	227:7,9,15	engaging	67:23	110:1,3
eleven 251:1	employment	169:14	94:15	128:6,9
eliminate	159:23	Enge 4:7,8	103:18	153:1,3
53:19 95:4	160:16	87:14,16	107:15	154:22
96:10	161:8	89:11,12,1	108:11	169:20
97:1,11	163:3,15	3 90:17	125:16	219:10,11
Elsasser	168:9	103:14,15	154:21	224:9
5:19	195:6	105:4,5,15	180:24	274:19
else 115:5	202:25	107:3,4	185:13	environmenta
144:22	206:9,21	125:12	190:6	l 1:2 94:4
171:14	210:18	154:14,15	207:2	105:20
189:9	213:2	155:11	214:6	118:22
277:4	224:18	192:8,9	216:22	122:8
elsewhere	228:8	193:7	229:14	147:3
73:8 78:24	229:3,15	208:9	230:19	150:2,16
82:1	231:18	236:2,3,25	232:20	151:17
			243:19	

220:11	219:5	evaluated	exact 212:7	exception
224:19	222:22	148:21	246:14	258:9
243:5,6,19	262:17	evaluating	exactly	exceptionall
261:23	essence	104:21	67:14	y 259:25
264:22	106:22	183:12	79:16	Excuse 208:2
environments	126:15	Evaluation	150:24	Executive
47:20 48:6	essential	224:14	177:5	224:16
envision	62:9 232:3	event 42:4	266:3,7	225:11
65:14	essentially	56:21 85:5	examine	exercise
envisioned	53:19	events 18:5	33:11	259:14
65:20	244:23	39:2 59:20	examined	exist 212:3
equal 59:21	est 137:9	84:25	21:13	246:15
94:17	establish	85:16	264:23	257:20
equalization	106:9	146:18	example	existed
59:22	108:9	eventually	28:3,9,19	149:6
85:11	109:10	17:13	33:21 68:8	existing
equate 46:2	established	67:12 90:8	69:4	108:8,12
131:20	58:13	Evergreen	70:9,11	109:9
equipment	106:24	169:8	79:23	214:20
273:3	108:18	182:21	81:12	exists
equitable	121:3	everybody	117:15	256:24
260:9	256:22	31:10 92:5	120:13	expand 66:18
equity	265:14	144:22	121:7,10	167:3
185:14	establishing	171:14,22	150:22	expanded
equivalent	230:22	234:21	151:22	151:4
164:1	estimate	252:16	169:6	expect 32:24
Erasmus 3:12	99:21,24	265:21	174:7	37:25 38:1
41:6,8,15	estimated	273:13	181:12	56:1 58:2
267:24,25	258:10	everybody's	183:22	63:16,18
271:8,9,10	estimates	13:8 92:6	187:3,10	90:13
,11 272:11	202:5	everyone	219:18	expected
Erlich 2:6	230:11	12:18	259:7	59:4 82:14
ERM 5:25	estimating	155:5	examples	258:1,6
erosion	203:8	197:2	27:3,13	experience
17:24	et 70:24	everything	29:12,21,2	21:20 27:3
55:10	ethnic	11:19	2 30:5	33:2 42:12
58:19	256:17	12:11	49:11,12	121:10
227:3	Europeans	59:18	68:19	130:3
especially	256:21	114:17	69:14	145:20
54:9 89:20	evacuate	115:4	149:15	150:9,18
148:15	227:25	170:22	151:25	164:17
165:16	evacuated	251:2	155:6	177:20
168:22	228:1	275:10	181:10,12	178:18
185:6	evaluate	277:4	187:7	185:2
186:25	108:17	evidence	exceeded	207:3
188:22	232:4	244:14	149:11	213:21
190:20		evolving	excellent	214:7
		196:22	200:23	223:8
			except	
			258:14	

262:7	13:20,22	148:19	feasibility	filed 35:7
experiences	42:3,21	failures	53:22	140:4
190:22	163:9,19	43:6	feasible	156:9
experiment	180:11	fair	119:2	filing
105:8	extreme	49:23,24	features	15:6,19
154:23	59:20	150:25	230:12	fill 19:9
experimental	84:25	166:11	February	56:14,17
18:20	85:5,16	260:9	51:1	95:13,18
expert 47:8	extremely	264:18	federal	198:3
expertise	32:22	fairly 32:20	162:5	filled 19:25
47:3	<hr/>	Faithful	feed 204:8	96:1 129:9
137:24	F	2:19	feedback	261:17
138:2,3,6	fac 100:20	fall 74:20	197:23	filling
169:17	facilitate	86:14 90:9	feel 38:22	19:15,21
187:2	166:7	falls	54:19	32:1,13
experts	168:13	255:22,23	216:6	56:21
101:12	263:18	familiar	221:24	95:24
explain	facilities	127:7	267:14,18	96:14
24:14	17:18 74:3	148:24	feels 49:16	163:4
33:25	78:11,19	families	102:19	final
36:17,23	170:21	12:19,20	140:25	15:12,16
37:24	272:16	201:9	felt 184:1	19:12
69:16	facility	206:8	Fernandez	40:14
245:3	17:6,11,15	225:16	3:24	59:17 60:4
explained	,21 18:15	229:7	fewer 137:22	80:7 82:25
178:13	19:23 23:2	family 12:22	160:12,13	101:20,22
exploration	53:14 56:2	188:14	fifteen 19:2	106:14
25:4	74:5	189:17	84:4 91:20	107:2
149:21	100:19,20	204:20	164:24	118:19
150:10	101:4,10	206:21	192:23	147:15
162:23	119:10,17	225:13,21	234:17	176:11
164:17	121:5	227:2,3,4,	fifty 21:25	196:6
183:14	136:9,13	8,9	27:11	238:22
expressed	fact 46:2	family-owned	158:24	251:16
19:8	102:3	178:16	fight 204:16	252:23
149:19	103:7	famous 257:1	file 9:3	253:6
211:18	105:9	fascinating	15:21	Finally
extend 58:25	107:11	75:3	135:6,7	250:15,16
extended	150:14	fashion 67:5	139:7,16	financial
146:7	151:7	255:5	156:8,12	118:12,23
extending	160:6	265:23	181:4	184:1
25:5	196:16	fate 22:21	197:2,5	250:18,23
extent 97:24	204:11	fathers	199:3	finding
external	244:13	257:3	225:7	175:2
121:9	255:18	favour 259:6	265:20	fine 59:15
187:2	260:17	fear 205:8	276:23	243:24
extra	fail 43:20		277:20	248:7,22
	118:2			fine-grain
	failure			55:18,19

finger 197:5 201:19	239:5 250:3 255:13	75:11,12 82:9,11 84:25	foods 226:15,17	forms 112:3
finish 13:22 230:9	256:19,21, 23 262:7	90:4,14 130:18	food's 144:17	Fort 257:11,12 274:10,12
finished 149:23 259:9	263:21 266:6 268:2 272:14	262:5 264:5,15	Football 3:15	forth 59:21 67:9 79:1 181:16 212:15 213:10 216:21
finishes 153:22	Fisheries 39:17,20 109:12,14, 20 125:21,25 154:8,11 274:21	flow-rate 75:14	footprint 120:18	
Firearm 220:1		flows 21:14 45:11 47:20 48:8 67:9 69:10 116:3	force 195:24 201:20 203:7 215:12 216:20 228:12,17 229:12	Fort's 257:13
Firelight 6:22		fo 117:3		Fortune 1:7 2:12 3:2 7:8,20 15:16,19,2 1 16:9,11,12 17:4 18:13 20:15,23 21:10,13 22:10,25 23:21 24:21 25:8,9 26:3,10,17 27:19,24 29:16 30:25 31:4,6,14, 24 32:18,20 34:4 35:19 36:24 37:15 38:2,5 39:14 40:14,19 41:15,21 43:9 44:1,13 45:2,4,25 46:13 48:11,14,2 1 49:7,10 50:13,16,1 8,19 51:1,21 52:16,21 53:25 55:4 56:17,20 57:4,17
firm 195:19 197:20	fishing 115:20 116:8	focus 185:18 218:25 232:9	forced 146:5 261:22	
first 14:2 27:24 30:24 31:16 40:2 53:13 54:3 56:9 61:18 62:5 79:4,6 93:10,20 95:18 99:5 101:24 106:19 125:5 127:24 128:20 129:21 137:13,17 138:16 144:20,21, 24 152:22 153:15 154:18 155:16 158:3 162:10 165:4 168:2 171:14 172:14 174:18 182:20 187:11 194:14 195:7,9 207:25 228:9	fit 136:18 fits 176:5 fitting 218:16 five 23:11 40:12,23 87:1 88:6 141:4 151:23 163:1 181:25 186:2 252:7,9 253:18 258:10 266:7 fix 105:12 125:19 fixed 25:15 92:23 flexible 98:21 flooded 17:6 flooding 95:17,20 97:7 floor 14:4 flow 18:2 37:5 59:19	folks 167:11 174:4,7 176:13 followup 29:6 35:12 54:25 follow-up 57:11 68:3 70:17 128:21 198:6 230:8 231:8,15,2 1,25 232:2,9,15 ,20,22 239:14 243:18,21 244:25 251:15 food 115:4 144:18 158:5,9,14 166:20 275:19,21 277:3	form 63:21 76:21,22,2 3,25 78:10,25 112:3,5 197:7 211:4 231:15 232:22 261:25 formal 175:19 241:24 formalizing 250:6 formally 118:11,16 format 152:11 238:5 266:5 former 11:8,10 13:3 74:5 191:5,7 273:12	

59:7,12	186:15	13:17	130:21	51:23 60:2
60:21 61:1	189:12,16	30:16 79:8	French 257:6	63:12,13
62:1 64:20	192:18	86:14	frequencies	67:14
65:6,18,20	193:12	88:14,17	37:25	253:12
66:21	194:10,20	100:15,24	frequency	function
68:21	195:14,16	102:5,14,1	37:20	58:25 59:5
70:25 71:2	196:6,7,8,	8,23	38:17	62:15,20
73:13	24 198:15	104:19	50:21	68:15
74:25	203:24	105:19	55:14	72:15,17
76:15	207:17,21	106:2	57:15	84:12 86:2
77:11,17	209:14	109:2	freshette	132:24
78:8,12,17	211:21	121:2	42:5	functional
,18,23	214:6	129:5	85:6,16	29:1
79:2,4	216:22	137:6	freshwater	functionalit
80:7,16	226:1,11,2	153:23	33:1	y 47:13
81:23 82:8	0 227:6	169:10,11	Friday 11:4	functioning
83:5,7	230:19	170:4	140:7	30:6
84:18,23	231:4	191:3	235:7	44:9,25
86:11	232:25	192:5	248:8	50:10
90:19,25	236:9	196:12	272:23	59:23
96:14,18	240:12,15,	201:13,17	friendly	118:7
97:8,14	23 250:4	202:1,17	186:23	fund 73:22
98:8,12	253:19,25	203:12	friends 16:4	254:8
99:2,6	254:2,8,15	205:25	204:12	fundamental
102:9	,21	206:25	205:14	225:17
104:2,5,8	255:1,3,12	214:22	friendship	funding
118:16	258:22	222:15,17	190:14	125:18
120:9	259:4	223:9,13	Frue 5:6	148:18
124:4,23	260:20	235:5	frustrating	215:24
125:3	263:17	244:12	262:17	funds 104:23
147:14	264:3,7	265:19	full 49:15	112:8
150:22	267:2,6	266:17	57:1 61:22	148:6
155:20,22	270:23	271:21	132:8,10	fur 256:22
158:17	274:14	272:12	173:11	furs 257:15
159:11,13,	Fortune's	277:14	196:19	furtherance
19,20	15:22 17:1	founding	235:9	103:16
164:8,22,2	19:8 56:14	257:3	264:22	Furthermore
3	164:14	frame 113:11	271:21	260:8
165:1,9,13	168:14	253:17	full-scale	future 12:4
166:4,9,12	169:1,13	273:21,24	59:13	97:20
,16,24	232:17	Francois	full-time	122:20,22,
167:5,22	233:1	256:25	175:16	25 123:3
168:1,6,21	241:7	257:5,9	fully 13:8	146:10,11
169:9	242:2	frankly	28:25	147:17
170:9	256:7	255:14	31:24	150:6
171:24	forty 159:3	free 69:2	32:24	166:13,16
172:6,15	202:6	freeze/thaw	38:24	188:23
174:14,15	forty-five	58:19	freezing	189:10
176:23,25	158:19	42:6		
179:14,16	forum 256:6			
181:3,14,1	262:6			
7 183:8,10	forward			
184:1,15				
185:25				

205:6,10	101:6,10	45:21,22	209:21	196:6
225:7	103:10	46:25 47:1	211:3	198:9
265:24	111:20,25	48:11	214:15	199:7,13
	generating	49:13,22,2	217:9	206:2
<u>G</u>	69:17	3 52:12	218:22	224:6
gain 23:18	120:12	53:5	222:14	225:14,21
182:25	generation	98:15,16	given 16:19	226:1
gaining	205:10	100:13,14	38:5	227:6,14
197:15	259:23	101:21	44:5,22	228:25
gambling	generations	116:21,22	47:22	229:10
251:2	122:20,23	123:12	69:15	230:4,18,2
games	146:8,12	126:23,24	117:24	5 231:3,16
115:1,2	geochemical	129:20	129:25	232:2,8,18
Gameti	55:25	132:6	156:4	,21
178:23	geographical	134:1,20	159:15	233:1,8
258:2	117:1	135:11	177:19	235:18
gap 130:22	Georgina	136:20	179:3	236:1,18,1
180:14	6:24	139:11	210:25	9 237:17
gaps	geotechnical	140:18,19	211:22	238:14
129:8,12,1	54:13	142:12,13	212:21,25	239:17
4	gets 20:9	155:17,18	213:11,16,	240:22
130:11,12	58:13	200:12,13	18,23	241:4,6,9,
131:1,13	108:18	205:21	214:1	22,24
175:3	111:25	209:21	216:1	242:10,15,
198:2	119:9,16	211:3	216:1	22 243:18
202:19	144:21	214:15	249:21	244:17,23
205:24	158:14,15	217:9	257:14	245:5,19
232:4	189:2	218:22	gives 72:7	246:8,13
261:16	getting	222:14	234:4	247:8,10,1
271:17,20	23:16	Ginger 3:21	giving 81:24	9,25
Garner 3:20	34:17	43:24	92:1	248:3,10
garners	127:15	44:10,19	116:17	249:2,23
101:11	162:23	45:21	137:11	250:2
Gary 275:24	163:13	46:25	234:13	252:1
gas 69:21	203:12	49:22,23	glacial	274:18
gather 68:3	204:4	52:12 53:5	17:23	GNWT's
100:25	212:15	98:15	glad 179:17	244:11
gathering	216:1	100:13	210:13	251:10
102:22	263:6	101:21	251:13	Goad 2:14
GDP 161:10	ghost 204:24	116:21,22	271:24	162:21
162:2	Giant 89:22	123:12	273:9	goal 86:16
general	147:2	126:23	Gladly	95:3
78:20	151:24	129:20	247:13	goals 126:14
165:22	156:10	132:6	Glen 4:3	150:12
271:14	276:10,16	134:1,20	global	151:11
generally	Gibson 3:21	135:11	218:12	153:11
58:12	43:24	136:20	GNWT 4:10,13	186:7,10
	44:11,19	139:11	8:3 9:8,11	God 11:25
		140:18,19	39:16	12:1,6,8,1
		142:12	180:21	4,22
		155:17	195:22	goi 156:17
		200:12		
		205:21		

gold 97:15	126:2,3,18	234:6	257:3	77:3 79:21
Golder 2:19	,22,24	236:5,12	259:15	81:24 89:4
20:19	127:5,25	237:1,2,10	greater	125:13
52:20 54:1	128:7,18	,23 238:9	120:10	127:15,18
55:8 62:4	129:16	239:9,11,2	Green 6:10	131:12
80:12	132:2	0	93:8 209:6	132:15
121:20	133:23	241:10,18,	235:22	133:14
124:6	135:10,15	19 242:8	268:14,15	135:5
gone 145:21	139:10,16	243:7	Greg 6:14	138:17
190:18	140:16,19	248:22	grew 205:11	140:12,14
258:4	141:20	257:2	grid 28:3	156:7
265:23	142:5,8,23	267:23,25	36:19	189:25
goods 161:25	143:9	268:8,10	grinding	238:4
165:13	144:7,13	271:11	62:12,21	243:24
166:17	146:19	274:22	gross 160:15	guidance
Gordon 4:11	148:3	governments	ground 90:13	108:2
gotten	151:2	266:6	142:9	129:23
130:10,16	153:9,21	government's	162:24	137:2,12
government	154:3,6,20	92:19	204:21	143:22
3:11 6:16	155:15,18	grand	group 6:22	guidelines
7:14,23	156:7	11:8,10	263:25	19:17
9:3 10:3	158:23	13:3	269:25	94:25 95:1
13:19 14:4	159:2	41:6,8	groups 38:8	104:15
15:6 22:22	161:9,14	191:5,7	169:22	151:13
24:3 39:12	162:4	267:24	180:18	guys 43:4
41:2,9	172:10	271:7,8,9,	237:4	92:10
42:25	190:13	10 272:10	255:13	112:11
43:23	192:6	274:4	259:12	158:24
44:1,11,20	196:14	grandfather	263:19	192:20
45:20,22	198:8,16,1	d 187:17	growing	235:10,15
46:24 47:1	8,25	grandparents	164:9	251:13
49:4,19,23	199:15	123:1	guarantee	270:7,9
50:4,20	200:8,9,11	203:21	149:14	272:25
52:11,13,2	,13 201:3	205:12	204:15	274:24
5 53:8,15	202:17,21,	granted	260:15	275:13,22
82:1 86:13	23	145:6	guarantees	277:2,3
98:14,16	203:1,10,1	grapple	262:23	<hr/> H <hr/>
99:6	3 205:22	131:2	guardians	ha 262:20
100:11,14	207:19	gravel 258:1	219:9	Haakensen
101:12,14,	208:20,25	great 90:16	guess 32:8	3:4 16:20
19 102:17	209:12,17	117:5	35:14	27:25
106:19	211:2,17	165:1	36:22	28:12,14
107:7	212:3	167:13	37:25	29:18,19
109:17,22	214:6,14	175:6	64:15,16	34:8,9,25
113:7,14	215:10	182:23	68:5	35:24,25
116:23	217:8,21	187:22	73:6,9	37:1,2
117:4	218:7,14,1	199:17	74:10 76:7	46:14,15
118:20	8	207:3		57:21,22
119:12	219:17,20	252:18		66:25 67:1
124:24	222:10	256:19,24		68:25 69:1
125:11,22	223:9,23			
	224:4,8			
	229:11			
	233:21			

70:8 71:2	182:1	81:2	253:7	242:19
73:18,19	203:8	258:11,12	259:19	246:20
75:1,2	Hardisty	heads 188:16	264:22	250:18
76:16,17	1:16	headsets	270:12	251:4
half 22:4	86:22,23	24:15	272:17	265:17
87:4 88:14	110:19,20	health 17:3	273:10	277:6,11
274:2	144:1,5,13	159:24	276:9	helped
hand 16:3	157:3,4	188:10	277:19	176:14
168:16	173:3,4	189:4,11	hearings	242:8
246:14	210:2,3	206:4	184:25	helpful 49:3
264:4	251:22,23	224:15	196:10	81:18
handful 75:5	268:25	225:13,15	251:16	138:8
handle 12:6	269:1	227:18,19,20	heart 142:1	190:20
84:14,17	274:11	health-	143:19	helping
185:3	hardly	related	145:15	174:5
handled	85:1,23	227:24	155:2	175:13,17
101:6	harmful	healthy	heavily	184:3
257:23	260:25	114:1	65:10	196:20
hands 26:8	Harry 6:23	225:20	heightened	224:1
112:7	hats 276:16	226:9,16	65:14	249:17
255:8	haul 221:7	hear	held 1:19	helps
hang 172:1	haven't	14:6,9,19,23 121:18	14:11	55:20,21
happen 82:4	35:15	200:20,21	104:23	Henry 3:23
85:5 86:2	47:22,24	204:14	112:4	heritage
108:12	85:25	207:14	180:6	229:5
188:24	130:6	210:13	187:18	256:12
203:25	195:19	234:19	214:20	257:2,9,20
204:6,11	203:4	237:23	Hello 195:4	,22 258:21
205:17	218:4	271:15,22	help	261:2
208:16	242:7	272:4	12:2,3,14	267:10
215:6	having 31:18	273:14	75:8	hes 61:3
234:23	43:1 59:23	heard 56:24	136:14	He's 12:9,10
261:10	83:25	95:23 96:2	145:24	144:22
happened	104:19	105:14	158:25	191:8
213:5	121:15	121:14	165:7	hiding
254:8	129:9	179:4	166:2,4,7	140:11
happens	145:21	188:4	167:17,19,20,23	hierarchical
58:12	160:10	190:19	169:23	263:21
63:10	170:19	206:15	175:23	high
76:20	174:6	244:8,15	180:15,17,18,19,20	84:10,14
181:20	175:16	255:11,20	181:11	95:9 174:8
221:4,16,2	203:7	272:5	182:2,4,6,10 187:3	202:12
4 249:13	206:18	hearing 1:5	188:19	256:10
250:23	229:17	11:4,6	190:8	higher 20:19
happy 182:16	232:19	13:6,20,25	196:1	184:10
210:14	269:23	14:8,11	198:1	263:20
hard 29:11	Hayden 2:5	24:5 172:5	215:13	highest
114:16	276:24	237:3,24	230:21	25:18
	head 66:3			

high-flow 42:4	264:9	107:16	116:10,11	206:25
highlight 117:11	holds 111:16	159:15	126:17	229:11
highlighted 231:1	home 12:19	humans 75:5	129:11	I'll 12:18
highly 257:19	160:6,7	116:1	134:2	14:14
hill 30:1	163:18	humidity	142:22	16:11
84:5	205:1	130:6	144:5	26:23
hire	228:18	hundred	182:14	27:24
221:1,5,14	275:1	19:10,11	191:3	30:11 31:3
,15	hope 12:15	27:12,15	193:7	32:17 34:4
hired	64:4 70:11	54:12	205:15	35:8 44:12
202:6,11	107:21	95:19	236:5	48:11 49:7
212:24	249:10	147:1,16	238:4	52:11 56:4
215:25	251:14	162:9,12,1	248:21	57:16
219:19	hopeful	4,19	249:2	58:15 59:6
hires 229:20	190:23	163:8,12	252:16	74:25
hiring 164:2	271:20	164:24	258:25	82:25 87:2
170:3	hopefully	186:2	277:18	88:24
202:3	165:7	228:12,16	idea 18:24	100:21
216:19,23	hopes 155:5	hundreds	77:9 79:20	107:1,18
220:24	hoping 81:10	28:16	80:4	117:11
221:19	122:6	155:6	81:11,12,1	124:21
222:5	Hospital	hunt	5 100:15	127:2
history	228:2	115:14,19	121:2	132:16,20
150:10	host 271:5	hunting	134:15	142:25
177:20	272:14	116:8	136:14	145:10
211:22	hosting	Huskey 275:7	137:6	152:6
214:2,7	93:12	hydro 70:23	188:16	158:8
256:17	hour 87:4	hydrologists	222:15,17	172:13
258:17	88:14	37:12	237:6	179:13
hit 63:11	274:2	hypothetical	ideas 67:7	180:8
215:23	hours 14:22	258:2,3,7	identified	194:12
216:2	115:16	<hr/>	96:21	195:14,21
Hodson 4:24	234:4,5,7,	IBA 161:16	117:25	216:12
hold 16:5	9,13,16	211:25	140:10	243:24
102:21	house 85:23	212:4	166:23	250:14
106:23	housekeeping	ice 28:5	202:19	255:2
112:11	194:12	120:22	205:22	illustrate
259:14	HR 196:18	204:23,25	210:17	232:19
270:16	Hubert 2:2	I'd 11:3	217:11	illustrated
271:13	209:10,11	23:20	227:22	120:20
holding	276:22	42:15 48:3	identify	I'm 11:7
107:9,25	Hudson	57:11 59:2	27:6 94:7	15:25
112:4	257:17	67:18	97:11	16:1,14
171:1	huge 71:6	81:23 87:8	165:17	23:25
	human 17:3	93:11	167:15	24:15,18,1
		107:12	168:23	9 25:8
		113:21	232:4	26:2,15
			258:20	27:2,19
			identifying	29:2,6,11,
			167:14	15 32:4,20
			168:3,18	33:14
			175:3	38:24

39:12	155:14,19,	251:6,13	231:9,11	imprecise
40:14 41:1	23	252:7,22	233:2	150:15
43:23	156:7,17,2	266:20,24	243:6,10,2	improve
44:14	1 157:2,4	267:1,22	0 244:10	20:11
46:23	158:13,20	268:1,17,2	245:6	46:19
49:19	164:7	4 270:4	253:14	improves
52:25	166:6	271:1,8	260:2,14	28:25
53:9,25	171:25	272:12	261:13	INAC 148:10
56:8 60:14	172:1,22	273:9,22	262:2	inadequate
61:1	174:11	277:15	impartial	258:18
65:5,18	178:22	imagine 77:8	166:11	include 35:1
66:21	179:16,21	176:12	imperative	51:23
67:25	180:3	204:5	232:15	58:18
72:20 73:9	182:16	Imbe 219:21	impermeable	69:4,15
74:12	185:9	immigration	53:18,22	93:16
75:23	186:15	170:11	54:3,4,19	99:24
76:8,15	188:25	171:3	implement	100:18
82:22	190:23	impact 1:3	148:7	105:24
83:15	192:5,14,1	32:10 96:4	177:6	106:11
87:10	6,17 193:7	97:18	implementati	118:16
88:17,20	194:17	131:21	on 214:19	140:21
90:18	195:5	160:22	230:6	148:6
91:17,19	196:7	170:14	implemented	151:9
92:8,9	198:11	184:1	106:3	170:25
93:2 98:13	200:6,8	203:1,17	implementing	178:14
101:13,23	203:15,20,	213:3	231:8	179:6
104:4,6	23	221:3	importance	226:6
105:16	207:15,16,	230:16	69:18	229:2
109:12	24	243:5	231:8	230:20
112:16	208:6,18	254:18	256:14	239:24
113:6,9,24	209:4,8,13	257:21	important	243:6
,25	,16,25	259:10,23	18:6 43:9	258:8
114:19,22	210:1,13	261:23	51:6	included
115:3	211:1,9	262:13,15,	62:4,19,25	32:2 35:15
116:24	213:25	22 263:13	95:7 107:5	121:24
122:16,17,	214:14	264:12	120:24	250:13
18 123:21	220:21	impacted	126:12	includes
124:19,22,	222:9	184:12	175:14	77:8 100:5
23	224:2	impacts	201:8,21	216:22
125:4,9,20	229:17,25	42:22	221:24	230:7
126:1,7,17	233:12,25	76:24	222:21	257:24
,21 128:12	235:4	82:16	229:5,9,16	259:16
129:15	236:11,22	97:23	232:19	including
131:8	237:9	149:21	257:8	14:9 19:14
135:11,12	239:4,9	160:4	267:15	30:7 94:10
138:11,23	240:2,7,12	171:6	276:6	100:19
141:19	,16 241:4	201:4,11	impossible	101:1,12
145:17,23,	242:11	208:11,13,	41:22	105:25
24 147:15	244:10,16	16 225:23	42:10	147:2
150:23	245:8,21	226:5,25		158:19
152:4,18,1	246:14	230:19		
9,20	247:4,19,2			
153:14	4 248:24			
154:3,24	249:20,21			

230:5	66:17	214:2	271:17	inside
231:2	89:17	218:12	informed	176:16
237:24	240:24	223:17	253:13	insoluble
238:16	indicating	224:21	254:2,22	76:22
264:25	70:21,24	229:10	260:20	insolvencies
inclusion	indication	230:1	262:1	108:1
22:6	129:13	239:21	264:23	insolvency
income	indicators	245:15	infrastructu	94:5
250:24	230:24	246:7	re 17:8	insolvent
incomes	indirect	infiltration	201:11	112:1
160:23	161:8	17:25 18:2	206:4	inspection
incorporate	indiv 134:9	53:18	249:19	55:10
23:3 98:21	individual	inform 259:7	infrastructu	instance
incorporated	47:5	information	res 22:20	100:6
77:7 86:5	160:23	9:4 29:7	inherent	149:5
increase	individually	36:6	261:7	213:8
38:16 39:1	179:2	48:16,19	initial 39:7	instances
94:21	individually	49:17	212:11,20	94:4
165:6	-owned	54:14 76:3	225:25	instead
227:3	178:24	82:19	226:2	40:11
increased	179:6	83:22,23	initially	63:11
160:9,14,1	individual-	93:14	38:12,18	instruments
6,18,24	owned	99:23	179:22	101:3
226:25	178:15	100:1	263:15	insuring
increasing	individuals	101:12	initiated	67:9
165:8	175:12	102:22	94:24	intake 51:3
indeed 31:6	225:16	116:24	initiative	integrity
48:4	229:7	129:8,12,1	185:21	19:20 58:5
independent	indoor 18:14	4	Initiatives	intend 150:4
9:5 50:8	41:23	130:12,22	224:20	intends
107:14	42:11 61:5	131:1,2,6,	injured	149:23
108:7	induced	13	227:25	intent 70:19
121:12	161:8	138:20,25	immigration	intention
137:7,24	indulgence	139:1,5,12	170:25	51:23
138:17	87:17	,17 151:21	in-migration	intentions
139:18	89:14	156:5	159:24	213:15,16
151:21	industrial	180:2	in-pit	215:5
152:2	187:8,10	195:25	20:7,12,22	interest
156:5	industries	196:15	33:10	38:8
219:13	9:13	197:8,15	input 19:13	68:5,16
Indians	245:16	201:23,25	37:11	184:9
257:16,17	247:16,17	203:11,12	77:25	225:4,9
indicate	248:13	205:24	101:14,16	interested
9:11 142:4	industry	227:13	104:15,21	79:16 81:4
230:11	69:17 70:4	228:22	106:17,18	103:16
248:10	162:18	231:3	108:4	
indicated	213:22	245:11,12	238:6	
64:22		246:14,22		
		255:4		
		258:16		
		261:16,25		
		263:3		

153:18	171:2	275:19	231:6	99:9
196:23	introduce	Island 9:6	254:11	100:23
197:17	224:11	121:11	255:10	102:12,23
201:15	introducing	137:6	264:23	104:8,9
209:13	69:5	138:19	269:24	105:18
interesting	Inuit 187:12	139:20	270:22	106:21
73:7 127:6	investment	151:22	issuing	107:5,11,2
interests	163:10	isn't 42:14	193:9	0 108:25
68:14	165:16	48:20	it'd 26:18	109:2
145:8	167:8,10	108:14	item 109:2,3	111:13
225:22	178:5	195:11	165:25	112:6,12
interferes	179:10	243:19	266:13	113:24
261:7,8	180:1,4	isolated	items 29:13	118:7
interim	181:13,19	95:7	ITI 4:10	120:5,17,2
104:24	182:3,5,25	issuance	230:2,3	4 122:4
106:13	185:14	151:13	246:4	126:10
intermediary	217:15,18	issue 49:4	it'll 30:9	127:5
63:1,5	224:22	50:16	32:24	128:9
internal	230:1	62:21	193:2	131:3
127:19	investments	71:16	it's	134:22
168:20	185:19	77:4,5	11:3,4,5,1	135:1
169:23	involve	78:7 83:2	9,22,25	137:1,17
internally	175:16	121:22	12:6	138:22,25
104:22	involved	124:5,8	13:5,6,8	144:18
131:5	9:12	130:5	23:10,17	148:2,4
179:23	52:1,2	134:7	26:21	153:8
181:3	55:15	145:16	30:9,13,21	156:1
interpretati	65:21 66:4	146:3	32:6	158:12
on 116:19	108:17	148:15	33:11,16	162:11
123:8	219:19	201:5	35:10	170:9
143:25	223:16	207:6	36:14	171:10,24
144:10	247:15	217:11	37:17	175:19
150:20	248:11	issued	38:20 40:4	176:2
INTERPRETED	involvement	242:24	43:9 45:25	177:25
113:16	51:12	issues 26:25	46:15	178:18
122:12	65:14 66:6	51:16	48:19,25	184:17
143:15	145:16	58:18 60:3	49:1	190:2
144:3	261:6	85:4 100:8	50:5,13	193:4
interrupt	involving	109:6	51:22	196:3
16:2	23:1	111:20	53:14 57:5	197:18,20,
intertwined	IR 124:6	121:1	60:9	21 198:19
93:20	168:4	130:16	62:4,7,15,	201:21
Intervenors	iron 35:2	138:10	18,20,21	203:10
106:20	irreversible	146:24	63:6 65:2	209:6
intervention	256:9	147:1	68:6 70:23	213:20,21
214:16	260:3	170:8,10	72:8	214:16
interviews	IRs 40:21	176:14	73:7,8	216:19
166:8	Isadore	210:13,19	74:16,17	217:1,2,3,
		211:4	75:17 76:2	19 220:25
		214:18	79:8 89:22	221:24
		226:23	92:16,18	222:16,21
				223:8
				229:5,15
				235:7,14,2

2 237:22	211:14,15	,15,19	276:22	198:7,16
238:25	214:13,15	197:11	Johnny	199:15
242:12	216:14,17	198:4	203:21	224:7
243:4	219:6	216:7	Johnstone	268:9
244:11,23,	248:25	219:8	6:3	kidding
24	249:1	223:14	25:1,23	23:25
245:2,24	269:15,17	Joe 11:8,10	joint 219:1	kids 12:4
247:3	274:9	13:3	Joseph 3:18	Kimberly 5:3
248:7	275:7	John 1:13	journey	kinds 138:6
252:3	Jan 219:18	2:10,19	274:25	206:5
254:4	Janelle 3:22	3:6 6:4,25	judgment	220:1
255:8	203:15,19,	48:24,25	203:14	King 6:4
258:10	20 206:7	65:5,8	Judus 3:18	110:11
264:3	218:1,4	66:8,9	July 89:3	128:14
265:23	219:18	110:11,15	228:10	152:23
266:9,20,2	223:25	112:24,25		kinks 137:18
1 268:15	Jason 2:23	128:14		Kirkland
270:6	4:4 6:9	135:1,2	K	5:23
271:1,3	Jenkins 6:7	138:13,14	Karin 6:19	kitchen
272:13,20	26:20,21	139:25	Kate 5:14	221:8
275:3	29:4,5	140:1	Kathy 5:17	knowledge
276:6,18	30:12,13	141:10,20,	277:8	13:21
277:12	92:15,16	22	Ken 2:24,25	23:3,19
I've 11:13	93:1,2	142:15,17	52:20	34:21
51:22	94:1	152:23	54:1,13	58:10
111:23	99:8,9	155:25	55:8 62:3	77:7,20
112:21	100:22,23	156:1,20	80:11	86:5
136:21	102:11,12	157:22,24	124:6	106:18
145:8	104:7,8	172:24	Keno 30:1	111:24
171:22	107:19,20	182:17,19	69:15	130:3
172:8	108:24,25	184:6,8	70:11	196:19
173:14	111:12,13	185:8,9	Kerri 3:20	254:9
175:4	126:9,10	187:20,22	key 17:1,5	255:7
204:11	136:22	198:23	26:25 95:1	256:13
205:16	148:23	217:23,25	97:9 112:2	258:25
244:12	153:7,8,16	218:6	130:1,15	259:3
260:22	Jim 2:13	220:10	166:17	260:1
	job 38:21	240:17,20,	180:10	271:22
	72:2 137:1	21	KHORI 208:25	known 256:16
James 1:15	163:4	241:15,16	Khouri 4:17	257:12,16
4:24 48:14	175:20	242:6,7,18	39:15	Koblun 4:3
66:12,13	181:24	243:22	109:23	
68:1,2	182:1	244:7	126:5	L
70:15	190:1,4	245:8,9,18	154:5	La 256:16,18
72:11,12	196:20	,23,25	193:10,17,	257:8,10
112:19,21	197:8	246:1	24	lab 215:14
142:20,21	219:19	247:3,4,10	194:9,25	laboratory
157:18,20	252:3	,12,13,23		
177:17,18	jobs 160:12	248:6,7,20		
182:12,14	162:7,9,12	,21		
		268:19,20		
		269:20,22		
		274:10		

18:18	115:14,18	190:7	55:17	242:3
labour 9:11	119:3,4	lapses 82:3	layering	243:24
163:9	122:1	large 116:2	55:19	leaving
166:20	136:17	165:22	layout 36:17	97:12
195:8,24	143:21	234:22	37:12	lecrama 23:5
201:20	146:22	261:16	leach 90:4	led 87:18
203:7	148:5	larger 180:9	lead 179:18	255:10
215:12	149:24	large-scale	leader	Lee 6:16
216:20,25	150:14	19:1	218:11,12	legal 93:7
228:9,12,1	151:12,16	Lasha 2:20	273:12	276:21
7 229:12	153:21	last 28:4	leaders	Legat 6:20
245:11,13,	206:16	37:18	191:4	Lena 275:20
14 247:14	219:14,20	47:11,23	leads 162:3	length 28:2
248:11	224:19	63:6 79:13	leakage 54:5	95:13
Lac	225:6,8	130:14	lean 185:4	lensing
256:16,18	254:10	151:19	learn 34:20	120:23
257:8,10	255:8	163:1	122:24	less 151:17
lack 10:7,8	258:5,24	185:1	175:21	210:12
133:18,19	259:24	194:17	219:21,24	229:19
135:21,22	260:2	195:23	263:16	lessons
146:1	261:4	213:9	learned	201:24
149:17,19	277:7	228:20	23:12	214:21
150:11,18	landfill	232:14	201:24	Letha 3:9
197:19	69:21	234:25	214:21	let's 16:6
lady 207:13	lands 90:1	254:14,20	263:16	38:25
211:18	145:16	259:22	learning	79:22
275:8	237:25	270:10	127:20	135:4
Lafferty	238:1	273:20	150:8	245:13
4:12	254:4,5	275:19	180:6	letter 56:18
laid 117:10	256:3	late 87:18	223:9	92:2,4
211:20	260:10,13	234:14	239:24	133:7
273:5	262:9	later 23:8	250:21	192:19
Lake	264:2,5,6,	45:24 69:9	259:24	254:22,23
21:22,25	17	186:19	lease 82:3	259:7
22:2 90:16	landscape	240:6	99:18	level 104:16
91:3 116:3	147:7	lateral	101:3	160:24
256:19,24	Landtran	216:7	least 18:12	161:9
257:4	167:1	latter 28:1	44:5,23	162:4,5
259:16	lang 210:19	Laura 3:19	81:19	175:13,18
lakes 61:25	language	Laurie	121:3	176:1
land 84:2	24:13	195:4,5,23	148:2	184:22
99:13,17,1	143:3,13	,24 224:17	215:23	255:14
8 101:2,3	150:16	228:7	230:15	263:11
102:6	164:3	239:18	262:23	levels 22:1
103:10	188:20	245:20	leave 132:16	34:12
104:3,4	189:6	250:14,15	167:25	43:14,15,1
106:4,5,24	190:9	layered	194:12	6,17
108:15	206:16			
111:15	210:20			
114:11	languages			
	189:5			

44:6,23	lights	136:21	224:19	28:15
52:3 71:11	233:13	listening	243:17	longevity
91:13	likelihood	47:6	244:22	57:11
160:16	21:11	205:15	245:4	long-term
165:8	57:12	lists 29:21	local 96:4	30:5 66:15
167:10	likely 21:22	literacy	161:3	68:7 73:22
liabilities	135:3	239:25	165:15	76:24 95:3
96:9 147:7	148:2	250:18	166:8	96:11,16,2
liability	257:19	literature	167:4	0 97:1,12
94:5,16,18	limit 13:13	171:1	169:11	Loretta 5:2
96:11	17:24	litre 22:3	230:21	Lori 4:5
146:4	87:10	34:14	275:18	208:22
147:24	88:21	91:5,9,12	locally	Lorraine
148:14	91:19	litres	17:23	275:8
licence	97:19 99:3	91:11,12	182:2,11	278:9
99:16	119:15	litter	184:4	lose 264:16
101:2	124:22	185:17	located	lost 204:20
103:5	152:19	little 54:14	77:22	259:25
106:5	172:8	60:10	97:16	lot 33:2
118:25	limited 1:7	63:25	256:15	60:6,7
licences	15:17	66:16	location	62:16 76:2
174:24	16:21	70:16	17:19 95:7	84:17
license	18:15	74:22 84:2	183:19	86:12
242:24	97:18 98:8	104:9,18	locations	115:1,11
licensing	116:15	126:19	68:20	116:7
86:16	171:6	150:3	Logistics	175:4,25
99:14	203:24	172:9	163:11	189:1
148:7	240:12	174:1	long 16:15	212:17,22
life 25:5,6	line 155:2	216:9	28:10	221:7
79:14	Lisa 4:15	231:21,22	32:15	235:7
106:13	224:13	274:1	37:25	262:20
121:11	list 7:3,4	live 79:15	46:4,9,18	263:14
137:16	9:1 10:1	113:19	63:6 68:18	274:6,23
160:25	35:4 71:6	115:13	69:8 81:16	276:2,19
161:12,23	152:20	122:15	118:8	lots
163:21	172:7,11	143:21	131:24	84:15,16
176:18	208:19	204:9	162:19	85:1,2
182:21	235:20	206:8	189:23	161:5
214:1	277:19	lived 62:23	235:12	188:11
218:10	listed	84:1 116:4	253:7	200:25
230:15	250:8,11	255:6	259:22	louder
231:9	257:12	lives 274:11	272:20	173:10
232:13	260:18	living	274:7	loved 12:20
life-of-mine	listen 192:1	23:10,17	276:18	low 58:9
169:9	270:21	123:2	longer 15:1	67:4
183:4	272:2	202:21,24	38:23	lower 20:18
light 16:13	274:3	226:7,16	46:5,10	34:17
73:2	listened	Lizotte 4:18	194:23	43:17
149:22			longest	
			27:7,14	

76:23 91:6 120:8,11 lowest 183:17 Ltd 2:13 3:3 7:8 lunch 14:16 87:2,4 88:14 171:11 234:12 274:2 luxury 145:7 lying 204:21 <hr/> M <hr/> machine 166:20 216:21 Mackenzie 1:2,10 32:10 104:4 122:1 146:22 243:2 265:12 MacIa 275:25 MacLachlan 3:9 magnitude 97:23 262:6 main 93:15 116:16 124:8 132:14 mainly 131:13 maintain 19:19 58:5 69:5 88:2,4 104:12 183:25 184:19 186:6	maintained 46:20 67:9 69:8 maintaining 69:10 185:25 187:5 maintenance 54:11,21 55:1,11 57:13,14 58:8,10,11 66:15,16,1 8 67:4,5,6,8 ,15,16,20, 23 68:4,6,9,1 6,18 69:2,3,4,1 1,13 72:24,25 73:1,25 95:4,6 97:2 117:15 124:9 131:18 maintenances 58:4 major 25:17 majority 95:8 Makin 2:8 276:25 manage 214:18,19 217:4,12 250:19 262:1 manageable 96:7 managed 96:16 141:1 260:3 management 5:15 57:24 96:20	106:7 121:13,14, 15,24,25 136:16 141:4 148:8 159:17 164:8 166:21 168:7 179:16 202:13 216:23 217:2 232:10,13 243:2 263:7 265:13 manager 159:15 263:9 managing 60:11 170:12 mandate 259:18 mangers 220:13 Manitoba 29:25 manner 17:2 58:9 67:5 177:4 Marian 19:19 21:23 84:11 95:21 96:5 116:3 133:8 258:14 Marjorie 3:16 mark 5:20 215:17 216:2 market 9:12 169:21 228:10 245:11,13,	14 247:15 248:11 markets 183:22 Marlene 275:19 MARTIN 208:22 Martre 256:16,18 257:8,10 Mary 275:6 masi 13:3 41:6,7 43:24 44:11 48:9 49:25 50:11 52:14 53:7 98:15,25 101:21 113:5 116:21 122:10 123:10 126:23 127:4 128:3 129:20 138:10 139:11 141:7,23 142:12 143:2,12 144:1,15 155:17 171:7 200:9,12 205:18 207:7,14 209:21 210:3,7 211:3,5 214:15 216:13 217:9,22 218:22 220:7 222:14 223:17 224:1	235:15 239:10,15 240:10,11 251:23 271:11 272:6,17 275:7 276:1 277:5,22 material 49:2 130:13,19, 24 materials 9:4 55:18,19,2 0 68:12 80:14,17 120:12 139:18 165:13 Matheson- Maund 3:16 matter 19:18 69:20 70:19,22 72:6 149:4 153:19 156:10 178:16 190:3 193:5 196:16 253:6 255:22 271:3 matters 14:8 69:19,22 150:3,5 maximize 18:23 206:9 230:21 maximized 229:13 maximum 151:17 228:25 may 20:4 32:15 34:1
--	--	---	--	--

46:18 47:7	110:2,3	mechanics	112:10,16,	20:25
56:13	128:8,9	89:24	19,24	22:19
58:23	153:2,3	mechanism	157:5,10,1	31:13,16
62:17	mean 45:25	121:4	5,19,23	43:10
63:12,13,2	47:22	146:25	173:15	45:17 47:2
3 76:1	140:13	244:10	177:9,13,1	56:16
94:21	156:11	mechanisms	7 185:10	59:17
99:16	178:5	108:13	206:14,24	64:14 72:7
100:7	meaning	109:9	219:6	74:11 78:6
109:6	204:10	medical	225:5	83:21 86:4
111:4	means 14:12	227:22	240:17	99:12
146:13	18:16	meet 20:6	245:8	100:16
147:14,18	19:10	21:6,18	247:10	101:2,7
153:13	23:16	45:12	248:25	111:14
166:16	186:17	133:11	249:5,9	129:7,21
174:8	215:23	146:10,12	251:7,18,2	162:22
176:12	230:7	169:1	2 268:25	169:15
178:1	256:5	174:9	269:4,8	172:8
183:20,25	meant 71:2	233:23	members	181:15
192:10	meantime	272:25	64:12	191:3,10
193:11	12:22	277:20	73:20	193:1,6
194:16	measure 21:3	meeting 13:9	89:23	224:8
213:6	22:7 38:13	47:25 89:3	141:14	233:16
221:18	42:20	171:23	202:23	273:21
226:19	100:17	186:7	204:20	274:3
249:17	121:16	197:15	210:1	Menzies 2:7
259:11	151:9	200:21	227:9	276:24
maybe	206:14	273:1	254:3	Mercredi
24:14,16	measured	274:16	258:17,21	1:14 2:3
29:12	22:2	276:4,13	259:14,20	73:4,5
37:25	161:11	277:15	260:17	74:8,9
38:21	measures	meetings	261:13,24	75:20,21
49:19	103:20	19:8 51:1	262:5,19	112:16,17
58:20	105:12,24	171:2	263:2,6	143:4,6
59:20,21	122:4,5,7	253:24	272:2,20	157:15,16
71:15,16	127:1	271:2,13	274:6	158:8
76:12 80:4	179:21,22	272:22,23	memo 10:7	173:19,20
87:1,4,6	208:15	276:12	18:3 32:9	177:13,14
88:3,24	210:17	meets 45:14	35:6 40:22	211:10,11
92:10	230:18	melt 84:16	56:12	220:17,19
123:20	231:11	member	133:1,17	223:19,20
141:15	232:10	1:12,13,14	135:20	249:5,6
174:3	250:6,12	,15,16,17	memorandum	269:12,13
188:17,20,	meat 257:15	48:14	254:17	274:10
24 194:16	mechanic	66:8,12	267:16	276:23
210:18,19	221:1	68:1 75:24	mention	merit 117:24
213:7	mechanical	81:19	178:11,14	mess 103:21
220:18	87:17	83:12,16	219:16	met 129:1,6
246:2,22	McMillan	110:19,23	222:25	131:23
247:14	4:23	111:2	mentioned	132:14
251:14			15:25	180:21
			18:7,19	215:9,21

231:3	263:1,8,25	141:17	206:10	37:15
232:5	264:1,8,14	146:21	208:11	38:3,5
250:4	,20,25	147:5	212:17	39:14
254:15	267:1,4,22	176:13	214:1,8	40:14,19
metal 43:14	268:3	237:7	218:10	41:16,21
46:7 61:18	270:5	265:3	219:15	43:9
metals	274:21	mindful	220:13	44:2,13
28:8,11	metres 32:24	145:14	221:25	45:2,4,25
34:25	mic 224:10	mine 9:6	222:8	46:13
35:3,6	micro 91:11	23:18	223:7	48:11,14,2
71:11,18	microbes	25:5,6	230:15	1 49:8,10
72:4 79:20	65:10	28:20	231:10,20	50:13,16,1
80:2,20	74:12,20	29:23,24,2	232:16	8,19
method	75:2,4,15	5 30:1,3,6	253:22	51:1,21
103:19	90:7	61:18	256:12	52:16,21
methods	micrograms	62:17	259:17	53:25 55:4
21:20	22:3 34:14	65:22	262:1	57:4,17
97:11	91:11	69:16,20	263:10	59:7,12
metis 4:7	microphone	70:10,11	264:21	60:21 61:1
8:7 39:21	224:23	79:4,14,18	276:10,16	62:2 64:20
87:25	250:14	89:18,22	mineral	65:6,18,20
89:7,13,23	migration	93:23	15:22	66:21
103:13,15	201:5	94:2,8,16,	63:2,8,14	70:25 71:2
105:2,5	Mike 2:12	18,21,25	68:21	73:14
107:2,4	milestones	95:8 96:7	76:15	74:25
125:10	215:18	97:16	78:12,23	77:12,17
154:13,15,	military	101:5	80:7	78:17,19
21 155:10	68:12,13	104:14	149:21	79:2,4,5
172:20	70:23	105:10	150:10	80:13
192:9	milligrams	106:13	253:25	81:23 82:8
199:22	91:5,9	107:6	mineralized	83:5,7
208:7	milling	113:21	76:22	84:18,23
235:25	122:2	114:20	minerals 1:7	86:11
236:3,23	million	117:16,19	2:12 3:2	90:19,25
238:2,19	80:25 81:1	121:11,12,	7:8,20	97:14
252:8,22	149:9,11	24 127:21	15:17,19	98:8,12
253:1,4,18	161:13,25	137:6,16	16:9,11,12	99:2
254:2,9	162:5,6	139:20	17:4 18:13	102:10
255:1,5,25	230:12	147:3	20:16,23	104:2,5
256:5,10,1	mimic 36:20	160:10,25	21:10	114:4
1,17,23	Min 99:6	161:13,23	22:10,25	124:4,23
257:1,3,9,	mind 12:2	162:11,23	23:21	125:3
16,19,20	59:12	164:3	24:22	142:6
258:8,24	65:12,23	166:14	25:8,10	147:14
259:6,14,2	67:12	170:20	26:4,10,17	155:20,22
3	74:14 91:5	175:5,6,10	27:19,24	158:18
260:4,8,16	107:12	,15 181:16	29:16	159:11,13,
,18		183:1	31:4,6,14,	19,21
261:1,4,11		188:15,17,	24	164:8,22,2
,15,22		19,24	32:18,20	4 166:12
262:4,13,2		189:2	34:4 35:20	167:6,22
3		202:10	36:25	168:1,7,21
		204:1		169:9
				170:10

171:24	211:21,23	14:25 16:3	mitigative	275:13
172:6,16	212:1,14,2	23:24	208:15	money 26:9
174:14,16	3 216:11	113:9	231:10	102:21
176:23	217:12	152:9	model	107:9
177:1	220:22	158:19,24	18:13,25	111:18,25
179:14,16	222:21	159:3	19:1,5	112:2,13
181:3,14,1	223:1,3,12	171:11	28:7 31:11	146:16
7 183:8,10	231:13,17	234:17	32:22	148:14
184:15	246:18	252:8	41:25 42:1	160:17,24
185:25	249:19	266:7	61:6 137:5	185:5
186:15	262:7,8,14	miscommunica	138:17	189:2
189:12,17	,22 263:15	tion	139:2	250:19,25
192:18	minimal	204:22	148:11	monies
193:12	58:3,4	misconceptio	166:15	147:21
194:21	95:6	n 179:9	modelled	148:15
195:15,17	minimize	missed	91:14	Monique 3:4
196:6,7,9,	17:23 95:3	193:19	modelling	16:20
24 198:15	97:22	194:4	42:23	28:14
203:24	mining 9:12	missing	82:11	29:18
207:17,21	23:12	180:14	models 42:12	34:8,25
209:14	25:10	192:10	60:2	35:24 37:1
214:6	28:17	203:11	modern	46:14
216:22	70:23 73:9	261:16	149:20	57:21,22
226:1,11,2	90:3	mistake	modules	66:25
0 227:6	94:6,11	40:24	250:18,21	68:25 70:8
231:4	96:12	mistakes	251:2	73:18 75:1
233:1	162:18	41:1	Moloney 2:17	76:16
236:9	208:13	Mitchel 3:5	159:15,20	monitor
240:12,15,	212:24	Mitchell	160:3	220:11
23 250:4	213:22	5:25	161:21	231:9
253:20	214:2,20	mitigate	170:8,9	monitored
254:2,8,15	218:2,9	146:25	174:15	38:10
,21	219:3,4,11	165:7	176:24,25	63:18
255:1,3	223:13,17	233:2	189:16	107:15
260:20	241:20	mitigated	194:20	114:24
263:17	245:15,17	46:11	195:2,16	260:5
264:3,8	246:6,7	230:20	196:8	monitoring
267:2,6	247:15,17	260:4	207:20	9:5 27:4
270:23	248:12	mitigating	240:14	37:19,22,2
274:15	minister	103:19	mom 180:8	4
mines 40:7	105:23	254:21	moment 134:3	38:1,6,19
62:14	264:21	mitigation	138:21	39:7 50:21
68:10,17,2	Minnesota	163:16	251:24	51:2,7
0 69:14,15	29:25	206:3,13	269:6	52:22
78:9,23,24	minor	210:17	moments	57:25
81:13	194:10,14	232:10,12	215:6	65:15,24
121:6,8,10	minute 87:1	mitigations	Monday 135:3	66:1 74:1
127:24	88:6	207:1	188:4	77:4 81:16
137:21	252:10		272:21	93:17
176:17	minutes			107:14
197:4				108:7
201:22,23				
206:15				

120:25	18:12 19:1	multiple	207:25	260:14
121:19,23	20:23	60:8 73:23	212:2,10,1	neglected
137:9	23:6,7	98:21	3,18 214:9	205:2
138:17	33:11	103:1	219:24	negotiate
139:19	39:12 56:8	190:7	239:5	236:9
141:6	64:7 79:8	municipal	268:2	254:16
156:5	80:18	27:16	Nations	negotiated
230:22	82:25	muskrat	106:19	214:5
monitors	99:14	116:9	187:11	215:17
50:8	104:18	mute 103:8	255:13	264:13
219:13,14	106:16	MVEIRB 2:2	NATIVE	negotiation
month 22:2	111:19	Myranda 6:11	143:3,13	161:17
186:19	114:18	myself	natural 6:3	214:19
months 182:1	125:21	11:16,18,2	24:21	215:16
Morin	128:5,12	0,22 81:19	25:2,22	230:5
195:4,5,23	132:20	122:18,19	28:9	negotiations
,24 224:17	153:23	166:5	34:19,20	51:11
228:7	169:11	204:2	36:18,21	161:15
239:18	170:19	253:21	47:18 48:8	267:16,20
245:20	172:13		55:2 65:11	net 219:25
250:14,15,	192:5		75:17	neutralizing
16	201:9		77:18,21	64:1
morning	202:8		83:9 91:7	Newfoundland
11:11,15,1	222:17		110:9,11	213:13
8 13:2,5,6	223:12,15	namely 96:5	128:12,14	news 200:23
24:1 29:20	movement	260:7	152:21,23	nice 81:20
43:25	207:6	name's 164:6	224:10	84:3
45:24	216:8,10	narrative	274:23	252:20
49:21	217:13	128:24	naturally	nickel
87:18	moves 23:4	129:5	33:22	219:15
88:12 89:1	86:6	131:14,15,	95:14,18	Nico 1:6
92:7 124:7	101:11	19 133:12	186:9	11:5 14:7
191:9,18	moving 74:17	Nathen 6:6	N'Dilo 189:1	18:10
192:21	86:14	26:22	nearby	21:22,25
193:1,7	100:24	30:19,21,2	188:25	22:1,17,21
200:1,4	105:19	2 32:5,6	189:2	25:13
233:16,19,	109:2	33:15,16	necessarily	34:13
23 234:11	145:12	35:10,11	137:16	44:10,25
273:22	149:17	36:13,14	necessary	61:21
mostly 78:23	169:9	37:16,17	14:8 44:3	67:20 86:6
145:11	170:4,16	93:5	170:20	93:23
mothers	176:1	nation 40:2	178:25	95:12 97:8
188:4,22	196:12	101:24	negative	104:11
motorboats	201:12,17	125:5	160:4,5	156:10
204:5	204:21	144:24	170:14	163:20
MOU 254:24	214:22	152:22	171:6	171:25
267:14	222:15	153:15	213:3	230:12,15
Mountain 4:5	Mucklow 2:13	154:18	225:23	231:1
move 13:17	Mueller 4:16	155:16	230:19	
	224:15,24	158:3		
	225:1	165:4		
		172:14		

234:8	34:19 75:6	70:10 93:4	noted 21:24	195:8,13
253:8,11,1	270:14	113:4	23:9 35:14	228:9,21,2
3,20,22	north 4:7	153:6	37:20	3 230:17
255:21	8:6 39:21	164:19	232:14	231:14,22,
256:15	69:14	165:6,20,2	nothing 54:4	23 232:21
257:21,24	87:25	1,24	66:9 158:6	233:3
258:18,19	89:6,13,23	168:4,9,10	notice 92:18	246:3,7,19
261:23	103:13,15	,11	noticed	<hr/> O <hr/>
264:6	105:2,5	169:2,3,11	192:10	objection
267:10	107:2,4	,18	November	156:8
270:12	125:10	183:5,20	254:14,20	objective
277:19	152:1	184:11,21	np	17:1 91:4
night	154:13,15,	185:2,17	2:19,21,22	objectives
47:11,23	20 155:9	187:10	,23,25	21:19
Nine 11:5	165:1,2	229:15,19	3:6,7,8,23	93:17
nineteen	167:16	231:18	4:3,4,5,11	126:14
79:14	168:19	235:21	,13,22,24	128:23
160:10	169:15,25	263:22	5:2,3,4,5,	133:12
ninety-nine	172:20	268:13	6,7,8,17,2	146:1
164:25	183:25	Northwest	2,23	148:20
165:3	186:25	39:13 94:3	6:9,11,14,	149:18,25
Nitsiza	192:9	97:17	16,19,20	150:12,19
3:2,13,22	199:21	107:8	NRCan	151:12
203:16,19,	200:3	109:17,22	137:22,23,	153:12,19
20,22	208:7	126:2	24 138:4	181:5
218:1,4	235:25	154:4,6	NSMA	obligations
219:18	236:3,23	159:2	253:9,24	98:24
223:25	238:2,19	161:22	258:17	obtain 101:1
NMSA	252:8,22	181:1	259:2	obtained
267:9,15	253:1,4,18	182:11	267:8	20:16
nobody 153:1	254:1,8	198:8,17,1	NSMA's	99:19
157:1	255:1,5,25	8 199:1,16	259:18	obviously
non 183:3	256:4,9	208:20	NT 1:21	30:3 38:6
non-	258:8,12,2	209:1	nuance	65:9 79:7
Aboriginal	3 259:6,15	224:4,8	184:22	160:4,11,2
168:11	260:4,8,16	229:2	nuclear	4 161:7
170:3	,17	230:8	71:14 74:5	197:18
221:15	261:1,4,11	236:6,12	numerous	occasions
none 90:15	,15,21	237:1,3,10	129:8	25:14
172:10	262:4,12,2	,23 238:9	nutrients	occur 18:5
260:17	3	241:20	35:15,17	21:22 22:9
nonrenewable	263:1,8,24	242:8	36:10	38:1 97:3
264:17	264:1,8,13	243:8	nutritional	111:24
noon 88:14	,14,20,25	248:23	70:2	146:16
234:12	267:1,3,22	250:19	NW 152:1	occurrence
nor 178:25	268:3	257:18	NWT 94:17,20	58:5
181:18	269:24	268:8,10	95:7 149:7	occurring
normally	270:5	274:22		83:10
	274:21	note 14:21		
	northern	15:20		
	5:14 26:16	20:15		
	44:10	200:1		
	47:19 48:6			

185:11	of-mine	154:1	176:2	262:8
Oceans	182:22	157:2	177:3	operation
39:18,20	Ogilvie 4:22	158:2,13	194:15	19:2 28:21
109:13,15,	oh 28:23	159:5,10	onsite 45:11	94:12
20	57:21 74:4	171:21,23	221:1	103:11
125:21,25	104:6	172:3,4,19	onto 90:19	105:10
154:9,11	209:4	173:22	op 117:16	106:6,25
274:21	240:19	190:10	open	115:9
October	oil 69:20	191:1	17:6,12,16	137:14
14:11,22	okay 23:23	194:3	19:9,15,22	147:22
15:15,17	24:18	198:20	,25	162:10,14
24:5	25:21	208:21	20:5,9,14,	168:6
191:22	26:14 32:3	209:3,8,24	17,22	174:19
233:24,25	33:13,18	211:13	21:1,4,8	246:18
234:1,2,5,	34:3 37:14	222:2	22:8,23	265:12
10,18	39:9 41:1	233:11	31:17,18,2	operational
235:10	43:11,22	238:21	1	31:11
270:14,17,	44:17 45:1	239:8	32:1,12,20	47:13
20,23	46:12	242:20	,23 33:3,5	62:21
271:25	49:18	245:7	78:24	120:21
272:5,12	50:12	246:21	80:15	130:5
273:22	51:15	247:18	82:12	137:18
277:20	52:10,24	248:17	95:17 97:7	operations
odour 83:2,8	55:3 56:3	251:25	98:2	18:16 19:3
offer 11:24	57:6 58:14	252:15	189:22	23:4,8
50:19,25	64:6,11	270:3	190:5	31:8,10
117:5	65:5 66:7	277:18	204:23	59:13
145:23	72:10	old 89:21	221:12	61:23
169:11	74:7,24	203:20	236:19	62:13,23
176:15	78:2	257:11	237:3,18	66:2 84:13
188:18	82:22,24	Olivier 5:10	238:15	86:6,8
offered	83:11,15	39:19	241:10,17	91:1 94:20
247:6	86:17,21,2	109:14,19	259:2	96:12
offering	5 88:6,12	125:24	262:21	97:10
169:19	91:16	154:10	opening 7:6	101:4,5
170:17	98:7,13	Olsen 6:22	11:9 12:25	103:5
184:17	99:1	ones 12:20	13:4 191:9	111:20
188:17	108:21	77:22	operate	161:1
offers 219:4	109:12,21	106:6	68:15 94:9	162:8
offi 261:25	110:13	160:5	160:10	166:21
office 5:15	113:3	166:25	operating	operators
166:5	123:17	263:15	19:5 30:2	216:21
186:5	124:16	277:3	50:10	opinion
260:22	125:20	ongoing	73:11,25	20:16,18
Officer	128:5,12	25:10	74:2	253:13
224:16	132:17	54:20	178:19	262:1
225:12	135:13	197:19	201:22	opportunitie
officers	136:4	209:14	216:11	s
201:17,25	138:11	230:6	217:12	160:13,17
	142:19	online	231:14	161:5,6
	144:23	175:25		163:2,3,4,
	152:8,17			

23	239:2	Originally	199:20	185:16
165:6,17	options 20:7	158:18	oversee	PAR
166:14,15,	33:9 97:1	osmosis 80:1	106:5	186:16,22
23	98:21	others 182:3	overseer	parameter
167:14,18	104:24	244:11	105:8	34:1
177:25	118:17,25	otherwise	oversees	parameters
178:1,3,8,	219:4	234:14	106:22	35:14,15
12 179:3	226:9	ourselves	oversight	70:2
188:8	oral 142:4	11:19	100:15,18	pardon 102:4
206:10	order 11:4,6	81:11	104:16	146:19
222:4,20	18:9,11,23	122:22	106:12	147:7
229:6	21:9 23:6	179:23	121:2,9	parents
230:22	24:19	203:8	136:12	205:8
255:17	31:22 37:4	outages	151:21	Park 4:13
263:6,11,1	38:11	273:4	152:2	participants
9 264:11	45:12,15	outdoor	owned	225:3
opportunity	46:17 51:8	18:14	179:1,3	participate
20:8 98:1	58:24	41:23	187:11	108:3
116:17	71:10	42:12 61:5	owners	267:9
160:10	85:17	outlined	188:17	participated
161:15,16	89:25 98:8	227:21	oxidation	180:5
166:4,11	132:13	outlining	61:20 63:2	251:14
168:18	133:11	137:9	64:3	participativ
200:17	171:24	outlying	oxides 46:8	e 168:16
212:21	200:1	234:20	oxidize	particular
221:12,17	201:9	outside	63:4,12	21:6 37:13
234:22	225:19	85:24	oxidizes	80:17
253:5	235:20	160:7	63:3	136:8,13
265:21	263:21	195:8	oxidizing	137:14
270:4	264:14	252:20	63:11	144:14
opposed	ore 25:15	outstanding	oxygen 55:21	147:9
74:20	organisms	94:18 96:8	62:8 63:7	214:8
221:2	90:7	102:20		226:8
opposing	organization	231:6	P	227:18
157:1	187:23	256:2	p.m 14:18,20	251:24
opt 165:12	253:15	overall 17:4	47:23	particularly
optimal	254:3	82:15,16	171:17,18	56:24 95:6
112:6	263:22	230:3	252:12,13	178:22
optimize	264:9	overflow	278:1	211:24
31:22	organization	21:8 31:1	page 7:2 9:2	212:23
34:16,21	s 239:21	overflowing	10:2 61:16	213:3,11
45:7 69:9	269:23	85:7	paid	214:3,7
optimizes	organized	overlapping	161:13,25	parties
85:15	149:20	109:6	Panayi 3:3	14:2,5
optimizing	original	overlooked	panel 225:2	15:12,14
67:22	113:24	191:5	paper 172:1	19:14 49:2
option	114:21			101:14
96:7,23	115:7			145:24
119:21	238:15			
124:13				

156:8,19	147:11	123:15	215:21,22	22
193:12	164:22	124:1	people	213:1,8,19
236:20	180:7	129:18	11:19,21	,21 215:25
237:4	191:4	132:4	12:4,18,19	216:5,10,2
238:16	211:22	133:25	13:10	0,23
265:18	214:2,6	134:12,18,	19:3,7	217:2,4,17
266:5,25	226:25	24 158:10	23:1 38:22	218:8
270:15	pasting 57:5	159:8	42:21	219:8,9,12
partly	Pat 2:17	160:1	51:3,8,12,	,13,23,24
266:12	159:15,20	161:19	24 52:8	220:4,6,7
partners	160:3	189:14	62:5 75:3	221:6,8,9,
166:18,25	161:21	193:21	77:20 78:1	13,15,17,2
partnership	170:8,9	194:1,7	79:15	0
168:17,19	174:15	209:19	85:24 87:9	222:4,7,20
220:20	176:24,25	214:11	88:1,19	,22
229:10	189:16	218:20	91:23	223:1,3,5,
party 274:20	194:20	222:12	92:12 99:3	12,14,16
Parviainen	195:2,16	228:5	108:11	228:15,23
2:23	196:8	229:22	116:4,7	229:1
pass 224:23	207:20	233:5	124:20	234:15
250:14	240:14	236:15	132:9	235:8
passing	275:15	237:14	135:13	236:7
224:10	Paul 2:3	238:11	136:25	238:23
passion	3:25 6:10	243:15	142:1	239:2,14
115:17	93:8 209:6	244:2,20	159:24	246:4
passionate	235:22	246:10	160:15,25	251:5
143:20	268:14,15	249:25	162:24	252:17
passive	276:23	pay 51:1	163:13,17	254:6
32:13	PAUSE 16:24	103:2	164:2	255:25
47:17	24:24	162:18	166:9	258:8
95:14	26:6,12	payments	169:12	260:7
97:12	27:21	161:2	170:14,19,	263:11,12
98:24	34:6,23	pays 94:11	21 174:23	264:24
100:9	35:22	104:14	175:1,15,1	266:19
103:19	39:24	220:12	7,20,23	269:24
104:24	40:16	peaking	177:22	271:14
105:9,25	41:4,18	162:11,14	181:6	273:6,14
125:16	52:18 53:3	Peanut 21:22	188:5,15,1	274:19
passively	55:6 57:19	91:3	9,25	276:19
19:9	59:9 60:23	peer	189:4,11	peoples
past 21:19	66:23	100:15,18	190:3,7,14	237:25
28:21 34:9	68:23 70:6	121:12	,16,18,19	238:7
35:3,5	73:16	136:9,11,1	192:22	264:16
42:12	77:14	4 137:3,7	197:2,3,12	people's
100:3	78:14 80:9	141:3	,15 198:3	160:18
102:24	83:18	peer-review	200:4	per 15:10
108:1	84:20	121:4	202:6,11,2	22:3
111:24	90:22	peers 204:12	0 203:24	34:1,14
	93:25	penalty	204:7,14,2	74:2 80:24
	103:25		5 206:7,17	81:1
	110:7		207:3	91:5,9,11,
	111:10		208:10,12	12
			212:14,20,	

percent 28:6	28:2,23,24	perpetual	25 276:25	95:13,17,2
33:23	31:23	27:9 95:4	physical	4 96:1,15
34:11	37:6,22	118:2	55:23 85:4	97:7
120:1	38:11	146:14	pick 92:14	pits 33:3
147:12	45:16 52:7	147:8	195:18	placed
163:5	82:14	155:5	277:9	15:21,23
184:17	84:24	persist	picked	17:22
195:7	85:3,15	63:19,20	182:20	76:19 92:5
212:8	120:22	person 160:7	183:16	166:4
213:7,24,2	132:23	181:22	pickup	placement
5 221:12	133:20	182:4,6,24	170:17	103:17
228:15,24	135:25	246:3	pick-up	places 73:8
231:18	performing	257:1	195:9	plain 151:16
246:19	36:1	276:23	picky 140:1	plan 13:10
percentage	38:15,20	personal	picture	17:4 18:8
9:11,14	perhaps	160:23	149:22	19:9 21:23
79:20	29:13 68:9	personally	197:21	23:9,11,14
185:5	227:3	260:23	pictures	40:8,21
211:20,24	period	personnel	36:22	41:12
212:1,6,7	7:9,12,15,	227:23	Pido 275:15	42:14
213:25	18,21,24	perspective	pile 54:7	43:2,3
228:23	8:4,8 24:9	96:7 102:3	80:19	44:2 45:13
245:14	27:7 46:20	149:10	130:8	46:1,16
246:5	65:13 69:8	227:18	pilot 17:20	50:21
247:14,16	95:20 96:2	pertaining	36:1 37:10	51:11,18
248:10,14	98:4 125:1	211:24	41:23	65:24,25
percentages	152:16	pester 30:15	44:3,6,23	66:1 77:18
36:7 80:22	162:20	Peter 275:6	46:21 61:5	86:14,15
81:5,22	163:6	pH 69:6 70:2	67:21	87:21
Percy 1:16	171:20	phase 62:16	84:23	106:13,15
86:21,23	207:9	98:20	pilot-scale	117:21
110:19,20	214:9	99:15	18:14	118:6,9,11
144:1,5,13	233:10	150:15	pit	,18,20
157:3,4	254:1	162:9,23	17:6,12,16	121:25
173:3,4,18	265:6	164:17	19:9,15,22	127:17
210:2,3	periodic	183:14	,25	140:21,22
251:22,23	54:11	phone 3:24	20:5,9,14,	149:20
268:25	55:10	phones	17,22	155:8
269:1	57:24	252:18	21:1,4,8	195:17
274:11	66:16	phonetic	22:8 25:13	196:14
perfect	124:9	4:5,11 5:6	31:1,17,18	227:7,25
197:18,20	periodically	37:23	,21	230:23
273:1	58:3	169:8	32:1,12,21	237:17
perfectly	periods 46:6	188:10	,23 33:1,5	250:7,13
28:7	permanent	191:7	56:9,15,17	251:5
perform	213:1	196:17	,21 57:1	273:4
165:11	permit 99:18	203:22	80:15,18	planes
168:24	101:2	275:20,24,	82:12	234:15
performance	106:5			planet
10:10				114:17
27:1,8				

planned 72:23	265:8	pointing 92:23	260:7	96:9,11
planning 23:4 25:6 51:24 52:1 65:22 66:5 77:8 78:24,25 86:6,7,12 97:3,10 104:17,19 126:13 145:21 148:7 236:6,8 250:23 258:5,8 261:5	pleased 96:14 121:18 200:21 201:1,2,7, 12,16 217:14 272:4 plenty 223:4 plumber 221:1 plus 84:9 164:16 190:16 po 140:22 pockets 160:18 point 26:19 49:7 53:6 59:3 60:20 87:11,12 92:17 99:22 103:8 108:16,18 117:18,19 119:14 120:2 140:2 142:3,7 145:6 148:4 149:14,24 150:6 151:19 155:25 195:18 197:22 216:9 219:6 240:24 258:16,25 263:20,24 266:23 274:5 pointed 40:19 262:18 263:13	points 170:17 195:9 249:3 267:7 policies 166:2 167:20,21 168:7,12 169:7,24 170:3 177:21 178:15 179:4,19,2 0 181:4 186:24 policy 94:2,7,14, 23 104:12,13 108:2 168:21 169:14 178:13 179:8 political 266:14 273:15 polluter 94:11 104:14 polluting 90:1 pollution 116:16 pond 59:22 85:11 ponds 28:3 36:19 90:6 pool 180:20 216:25 pop 180:8 population 215:13 226:7 populations	portion 17:22 172:5 230:6 233:8 posed 137:22 posing 53:8 posis 241:7 position 16:12 18:17 96:10 117:3 145:11 146:6 150:8 153:18 241:7 243:8 255:20,24 256:1 267:13 positions 163:22 202:12,13 216:24 262:21 273:16 positive 160:4,22 169:25 171:5 186:17 187:19 207:22 positives 160:14 posses 264:1 possibility 62:18 188:5 226:10 possible 25:18 53:21 56:25 58:19 79:21	97:20 98:22 119:15,16 137:4 202:9,13 221:6 226:5,10,2 5 276:4 possibly 152:5 193:19 194:11,18 198:8 210:24 225:24 post 86:1 99:15,17 133:8 post-closure 22:9 73:12 95:15 97:13 posted 30:10 103:6 193:2 194:15,19 post- reclamatio n 95:6 pot 201:4 potent 82:16 potential 22:11 25:5 35:17 39:4 58:1,18 59:19 96:19 97:4,22 106:20 117:5,6 146:25 147:6 148:2,19 174:6 201:4 203:17 218:10 225:23 227:2

229:16	148:12	251:20	171:9,25	presenter
245:5	predicted	252:21	172:6,16	91:18 92:2
potentially	21:16	265:22	173:25	108:22
27:8 99:18	34:13	266:2	177:24	155:13
101:3	43:17	277:16	178:12	239:12
106:10	132:25	presentation	182:21	presenters
120:11	prediction	7:8,11,14,	192:7,12	87:6 88:25
146:8	33:5	17,20,23	193:13	89:4 113:7
170:16	predictions	8:3,6	194:15,21	252:21
230:16	10:5 20:20	14:3,7,15,	198:10	274:18
pounds 79:22	61:14,24	18,25	199:19	presenting
power 69:20	82:12	15:2,4	200:7,11,1	16:12,14,1
71:14,15	133:2,16	16:7,9,15	4,20	7 238:24
265:8	135:18	23:24	203:16	preservation
273:3	231:24	24:1,22	205:20,23	229:4
powerful	232:3,4	26:4,17	207:11,12,	preserve
214:17	261:19	39:14	19 208:1,8	258:21
practical	preference	43:2,25	211:17,19	president
213:16	212:25	45:23	213:23	167:12
practically	213:11,18	50:18	219:1,2,3	169:6
204:24	preferential	56:16	223:24	259:21
practice	215:6	64:22 65:7	224:1,3,6,	pressure
40:6 232:6	preferred	77:6	24 230:7	276:3
practices	97:8	87:7,9	233:8,12,1	presume
151:24	prefers 96:1	89:9 90:20	4 234:7,9	242:1
pray 12:18	preliminary	91:23	235:18	pretty
prayed 11:18	86:15	92:11,17,1	236:1	25:13,15,1
prayer 11:9	106:13	9,25 93:22	237:11	8,19
12:17,25	126:20	98:6,10,17	241:1	81:13,14,1
13:4,9	127:3	113:2,5,14	249:3,7,12	5 86:7
14:20	153:11	116:22,25	251:15	107:5,9,11
272:8	premature	123:13	252:2,6,9,	220:13
277:17,24	104:9	124:25	17,23,24	prevention
praying	premise	125:6,11,2	253:1	227:12
85:25	220:24	3 126:4	258:23	previous
precedent	premises	128:18	265:22,25	33:3
153:19	220:25	132:24	266:2,11	107:21
precedents	prepared	138:18	267:4	146:7
145:19	118:19	140:3	268:4	163:24
precipitate	pres 252:23	141:21,25	269:10,14,	previously
76:22	presen 91:23	142:4,23	18 270:10	69:15
precisely	108:22	143:10	274:15	101:2,7
214:22	present 46:5	144:6,14,2	presentation	106:10
precision	107:7	5 145:3	s 88:18	price 183:11
150:19	142:22	150:23	92:9 270:1	primary
predict 37:6	145:17	152:6,9,11	presented	95:10
	152:11	154:6	33:6 50:10	119:1
		157:9,13,2	70:10	146:24
		5	71:20	
		158:1,4,17	100:2	
		,21	130:14,20,	
		159:6,11,1	24 267:1	
		4,19,23		

153:22	137:10	270:1, 6, 8	232:1, 9, 15	148:7
principle	166:2	271:19	, 20, 22	149:11
94:11	167:20, 21	273:18	243:18, 21	156:3
principles	179:20	274:20	244:25	160:5, 20, 2
94:7, 10	181:4	276:17	249:17, 22	1 161:6, 9
prior 151:13	186:23	processes	251:12	163:21
174:18	proceed	46:10	programming	170:6
priority	15:24 16:6	65:12	227:10, 12,	171:6, 7, 25
205:3	127:19	101:11	14	225:23
privacy	159:14	104:16	programs	230:7, 16
263:3	194:5	108:3	52:23	231:2
pro 160:20	254:18	145:22	137:9	232:14, 23
163:20	255:4	175:25	164:5	234:8
171:5	267:19	183:3	177:3, 4, 6	242:1, 23
198:12	proceeds	196:15	188:18	243:10
225:19	106:3	232:10	232:2	245:5
probability	150:21	procurement	239:13, 15,	253:8, 11, 1
256:10	process	160:16	22, 25	3, 20, 25
probably	17:12	165:8	progress	254:4
30:10	26:25	168:14	23:18	255:22
76:4, 5	61:20, 23	183:6	210:15	256:8, 15
78:8 79:21	62:15	209:15	progresses	257:21, 24
81:14	63:23, 25	produce	23:18	258:18, 19
101:9	64:1 69:21	61:19	progressive	259:22
151:2	90:3	62:17	23:5	261:15, 23
174:17	97:3, 10, 22	produced	186:17	264:6
177:3	101:15	20:20	187:19	266:8
184:18	105:19, 20	62:12, 14, 1	progressivel	277:19
190:2	107:6	5, 17, 22	y 94:21	projected
246:25	114:4	63:17 64:2	project 1:6	35:13
273:7	125:16, 17	producing	11:5	project-
275:13	126:13	69:21	14:7, 10	related
276:14	131:5	product 90:3	22:21	229:6
problem 39:3	145:18	160:15	23:4, 6	projects
62:11	153:18, 23	production	25:3 36:8	5:14 23:13
71:19 72:9	161:16, 17	149:23	50:7 51:7	35:5, 6
89:4	168:16	275:15	82:16 86:6	79:9 186:4
105:12	175:1, 9, 19	products	95:12	229:1
156:15	176:8	63:5	97:9, 18, 23	232:7
233:18	186:15	257:11	99:15	253:10
255:3	187:1, 17	program 38:6	100:25	265:24
262:25	196:22	39:7 52:14	102:16	promise
problems	197:12	188:10	104:11	118:10
71:7 87:18	201:7	189:18, 22	105:23	promised
109:8	248:23	206:21	106:3, 22	162:22
138:9	258:5	219:21	107:9	promote
262:20	261:5	227:8	108:10	165:24
273:2, 3	265:15, 17,	230:8	109:4	170:1, 2
procedures	18, 19	231:9, 15, 2	127:7, 9	225:19
	266:17	1	133:3	promoted
			146:13	

163:20	40:12	proud 164:21	33:24 35:4	254:12,23
promoting	79:25 80:1	179:21	49:13	259:1
226:16	93:23	180:3	54:14 61:5	267:12
promotion	95:8,12	182:9	82:11,13	270:12
213:10	96:18	186:15	93:14	271:15
proof 226:13	97:5,17	219:17	97:20	272:5,16
proper	105:25	prove 38:14	121:22	276:9,13
167:22	113:20	44:22	133:2,3,16	277:18
168:2	119:6,21,2	102:22	135:19	pulse 197:5
181:6,7	5 120:1,15	proved	183:18	201:19
212:15	170:24	104:25	200:15	pumping
238:6	203:9	119:2	228:22	95:21
255:5	206:10	proven	245:11	purchase
264:4	247:2	18:18,21,2	250:9	168:3
properly	256:8	5 27:12	275:18	purchased
91:1	proposes	42:10	provides	166:1
107:15,16	259:5	98:25	152:3	purchases
114:10	proposing	118:7	259:13	231:22
148:12	27:1 79:6	provide 9:8	providing	purchasing
190:1	80:16	17:25 22:7	129:23	181:5
257:23	89:25	28:12	137:10	231:19
267:19	97:15	29:12	163:18,19	pure 183:15
properties	163:16	77:20 81:3	178:4	purpose
70:3 103:1	242:9	82:9 93:21	185:19	35:25
property	proprietorsh	104:15	227:7	74:15
17:2 25:11	ip 165:18	105:23	245:16	243:18
94:6 102:4	proprietorsh	108:4	provinces	purposes
103:1,7	ips 169:4	117:20	213:13	59:15
146:16	protect	121:7,8,10	provision	purview
147:21	206:11	130:2	246:6	105:21
proponent	225:20	134:4,5,8	ptarmigans	push 147:23
87:19	protected	137:1	115:2	puts 55:22
89:15,16,2	154:22	138:2	public 1:5	102:13
4 90:11	207:4	139:5,12	11:4,6	237:4
96:8 99:19	232:21	151:24	13:6	putting
100:25	261:9	166:11,20	14:19,23	67:11
102:3	protecting	167:11	15:18	102:23
104:13	43:12	169:17	16:16,19	104:20
146:2	protection	190:15	18:4 30:9	145:10
154:19	43:12	196:2	50:9 76:4	180:19
192:11,15	94:15	198:11,13	81:11	187:1
260:19	protections	199:1,7	83:22 87:7	225:3
proportions	206:6	226:13,17	92:12	pyrite 63:3
80:21	protocol	239:12	160:9	<hr/>
propose	121:15	247:6	172:5	Q
104:22	protocols	248:4	200:15,17	qualification
proposed	141:5	273:6	205:23	ns 164:1
21:20		provided	226:4	
37:20		10:6 12:10	230:23	
		29:7	234:22	
		30:14,16	253:7	

221:13	45:24 46:4	182:8,15	3,15,20	156:23
qualified	47:4,11	183:2	47:7 49:20	157:5,9,13
221:19	48:11,12,2	186:9	50:2	,17,21
222:2	0 50:4,13	192:15,18,	53:1,6,8,1	158:1
qualitative	51:16	20	3 54:17	171:12
127:1	60:18	194:12,14	56:9 57:11	172:3,4,7,
quality 10:5	61:13	195:10,23	64:10 65:6	11,15,18,2
20:5 21:19	64:5,16	196:6	75:22	1,23,25
31:18 33:5	66:14,17	198:6	76:1,4	173:3,4,8,
38:13	68:3	203:14	79:13 81:8	13,20
51:2,4,9	70:12,16	207:9	86:18,19,2	177:11,15
56:25	72:13,19,2	209:12,22,	3	182:13
61:14,24	1 73:6,10	23 210:12	87:10,11,2	185:7
71:7 91:4	78:18 80:7	211:4,16	0,22	187:4,25
93:16	82:25	214:4,23	88:20,21,2	190:11,13
96:16,20	89:7,15,16	216:18,21	3,25 91:19	191:2,14,1
117:11	90:10,18	217:5	92:7,13,14	6,25
119:14	98:4	218:1	98:2,7,9,1	192:12,23,
126:25	99:5,10	220:17,20	2 99:4	25 193:12
128:23	100:11	233:10	100:12	194:11
129:3,7	101:20,22	236:4,13,2	105:3	195:6
130:4,5	102:1,9,17	4 237:11	109:15,24	206:1
131:19,21	103:17	238:22	110:3,12,1	207:15,18,
133:1,3,8,	104:2	242:7,13	6,20,24	21
11,16	107:2	243:7,12	112:18,22	208:1,3,8,
135:18	108:23	244:5	113:1	22 209:1,7
145:7	111:4	245:21	115:11	210:4,8
quantity	119:3,9,23	247:7,11	116:14,16	211:8,12
96:4	120:9	249:11	123:18	216:16
quarter	121:19,21	250:17	124:19,21,	218:6
28:22	123:21	265:6	24	220:9
quarters	124:17	268:3	125:3,6,8,	223:21
226:8	125:1	269:6	10,22,25	233:14
quest 173:12	126:11	questioned	126:3,6,8	235:18,23,
question	127:3	91:25	128:6,10,1	25 238:23
7:9,12,15,	128:20	262:18	5,17	239:7
18,21,24	129:4	questioning	129:24	240:10,13,
8:4,8 24:9	130:9,20,2	72:20	132:23	15,18
25:8 26:23	2 131:7,15	148:23	133:15	245:10
27:19,25	132:21,22	questions	135:16	249:6
29:17	134:2,5,10	10:4	136:8	251:20,24
30:24	136:7,24	14:4,5,15,	138:15	252:3
32:9,11	137:2,22,2	18 16:22	139:24	266:25
33:19	5 139:12	23:22	141:11,20	267:3,21,2
36:12	142:2,18	24:2,11,20	142:24	5
37:18	151:20	25:22	143:1,2,5,	268:10,16,
40:4,5,8,1	152:16	26:1,3,10,	6,9,23	20,24
4	153:9	16,19	144:25	269:2,10,1
41:7,9,15	156:18	30:20	152:18,19,	3,19 270:1
44:15,16	171:20	33:17	22,24	273:6
	173:17,25	36:15	153:3,25	quick 35:12
	176:12	39:10,11,1	154:7,11	54:25 65:9
	177:14,19		155:12,15,	73:6 86:7
	179:12,17		18,22	

111:4	85:5,16	reading	251:13	113:23
233:15	rainwater	229:18	273:1,5,8	115:7
245:10	17:25	ready 23:21	274:16	148:10
267:7	raise 146:16	75:8 86:15	275:13	reclamation
275:14	raised 134:7	253:9	real-world	16:13 23:6
quickly	205:7,12	261:12	151:25	31:2 81:16
92:18	226:24	263:4	reason 48:15	93:18,23
116:25	227:17	real 140:2	49:12	94:2,8,13,
131:3,4	ramping	149:21	72:18	17,20,25
quite 60:12	174:19	realistic	103:6	95:2 96:9
84:10	ran 233:18	215:12	228:17	106:11
85:22	range 21:15	realisticall	reasonable	111:6
107:24,25	33:23 35:2	y 203:6	52:9	148:3
131:4	133:9	reality	reasons 20:1	166:22
132:7	138:3	101:15	147:13	250:7,13
212:20	Ransom 5:2	103:3	180:10	reco 155:3
237:22	rare 58:4	215:5,7	261:21	recognize
255:14	rate 28:6	realize	reassured	120:15,16
quote 61:17	55:20	62:19 75:4	127:25	155:3
	85:14	142:13	rec 120:16	191:6
	163:4	183:19	140:24	225:15
	204:13	really	195:12	275:3
	rates 36:2,4	47:12,16	recall 212:6	276:6,20
	82:9,11	49:1,3	recap 17:10	recognized
	rather 48:7	54:4 55:19	receive	257:1
	61:22	70:19	47:10	recognizes
	81:23 82:4	72:13,20	258:22	44:1
	137:3	84:3 92:10	received	recognizing
	189:8	99:21,25	101:16	61:21
	213:24	103:1,2	receiving	146:21
	re 9:5 60:10	109:7	22:12	150:1
	104:5	120:18	186:16,18	191:4
	118:2	121:9	195:12	recommend
	139:18	122:4	226:13	97:9 151:8
	194:18	124:13	recent 148:5	244:25
	reach	127:18,20,	228:21	261:22
	19:6,12	22,23,24,2	230:11	264:21
	31:12 60:4	5 128:2	recently	recommendati
	90:15	131:15	146:2	on 15:4
	reached	136:21,23	274:11	102:5,18
	179:25	143:20	receptors	121:23
	212:5	190:2	21:21	140:14,24
	reaching	200:19	recessing	141:1
	179:24	201:8,23,2	88:9	230:10
	readily	4 202:14	171:17	241:24
	112:5	205:2	252:12	242:21
rainfall		207:14	reclaim	243:4
		216:3		244:12,14
		218:12		recommendati
		222:15,16,		ons 9:8
		17 241:16		

97:21	rectangular	233:1	179:9	226:21
102:14	37:4	reflects	189:17,20	regulators
122:3,5	reduce 10:9	98:20	192:12	118:21
126:25	53:18	regard 57:10	216:18	regulatory
140:9,10,1	55:20,21	87:20	270:23	101:1
9,20	63:13	103:17	regime	136:19
198:11,19	133:10,19	126:20	150:11	Rein 2:22
199:1,8	135:23	129:7	region 97:16	reinforces
recommended	170:14	253:20	185:10	231:25
100:4	reduced	255:12,16	191:6,8	re-insure
147:11	76:24	256:14	208:13	50:9
recommending	160:5	regarding	214:3	reiterate
119:24	reducing	30:24	225:16,18,	60:17
154:18	46:4,6,17,	36:16	21 274:8	67:18
recommends	19 225:22	50:5,6	regional	rejected
97:7	reduction	68:19	178:9,20	141:7
232:22	33:23	93:22	179:1,11	related
264:20	35:17	96:15	180:7,25	53:14
record 13:11	250:24	124:18	regionally	58:18
15:9,18	reductions	177:21	182:11	61:14
27:7 29:8	33:20,23	178:15	registries	93:21
65:2	34:1 35:13	198:9	185:17	94:16
129:25	redundancy	211:23	registry	98:23
134:5	60:7,11	236:20	15:22,23	101:9
138:21	reemphasize	238:17	16:16,20	129:12
141:18	273:23	253:7	18:4 30:9	131:13
156:16	refer 76:17	258:17,19	83:22 87:7	151:9
172:7	reference	regardless	92:3,5,12	177:20
193:4	66:16	275:4	145:9	179:4
199:14	68:4,9,10,	regards	151:24	227:10
218:14	12 81:4	24:21	152:13	230:4
226:4	152:5	51:15	156:3,10	246:5
235:5	178:23	64:16	185:15	247:17
236:19	referenced	66:14	192:19,21	266:12
240:5	65:16	68:6,8,14,	193:2	relation
241:8	references	15,19	194:19,24	37:8
242:3	35:4	72:24 89:2	196:4	85:2,4
246:5	referred	99:20	200:16	93:22
250:4	138:18	102:13	205:23	138:16
265:9	156:2	105:24	239:1	relations
266:8	refiles	106:8	254:12,24	186:18
records	156:15	108:7	259:1,8	187:19
163:25	refine 171:3	124:21	267:12	relationship
257:18	refined	141:15	regular	167:10
recover	232:11	159:21	136:15	169:6
259:25	reflect 94:8	161:21	181:17	250:24
recruiting		162:7	regularly	relationship
164:1		163:2,15	69:7	s 170:1
recruitment		170:11	regulations	
197:7		174:16		
		175:9		
		178:12,18		

release 17:2 18:1 20:21 46:7 85:13 94:23 98:22	124:20 258:25	report 14:3 15:7,10 53:16 61:17 98:2 118:16,22 122:7 135:7 191:23 196:3 230:23,25 234:7 259:3	requested 89:7	244:5
released 20:9 63:23 131:2 134:21,22	remote 222:24	removal 28:6 34:11,19 36:2,4 80:2 124:10	requesting 118:15 198:9	requiring 58:9 151:10
reliance 10:8 133:19 135:22 229:19	removals 34:18	reported 231:21	require 32:21 46:17 54:11 57:13,24 69:3,13 106:7 118:16,23 146:14,19 210:17 226:12	research 106:11 258:23
relocate 116:5	remove 28:10 36:7 46:16 74:13 75:12 76:7,8	reporting 50:9,22 51:13 52:3,7 224:14	required 27:4,5 31:15 32:16 33:11 42:14 44:6,10,25 49:17 56:22 58:23 67:14,24 69:4 73:1 95:13 96:22,25 99:15,17 102:15 117:15 118:3,24 148:8 154:19 226:22 227:11 228:3 229:17 261:19	researching 149:4
rely 65:10 277:10	removed 17:13 22:20 35:1 76:18	represent 151:18 228:12,16		reserve 25:17
remain 80:22 96:15 169:18,20 232:13 238:15 241:10,17	removes 28:8 removing 28:5 75:16 80:19	representati ve 125:14 154:17 267:8		reserves 230:12,14
remained 51:5	Renewable 93:3	representati ves 231:4 248:22 253:19,25 254:15 260:21		residential 190:21
remaining 17:14 79:23 130:25	reoccur 214:7	representing 225:13 229:25		residents 227:15 229:4,5 230:17 231:22 232:21 233:3 234:19 250:18 251:11
remains 236:19 271:17	rep 105:7 237:2	represents 228:9		residual 89:18
remarks 7:6 30:18 265:4 272:9	repair 55:14 repairs 55:15	request 13:20 14:1,2 16:13 48:1,15,22 50:5,7,14 51:17 52:9 106:17 140:5 194:10 196:1 233:20 259:1		resolve 109:8 150:5 231:5
remediation 148:20	Repeat Subang 2:21			resolved 111:20
remedy 125:19	repeat 23:25 44:17 247:11,14			resource 180:2,19 182:6 186:12 229:1 243:2 265:13 267:10
remember 42:16 43:9 50:24 60:6 81:2 85:21 188:9	repeated 124:7		requirements 45:13,15 50:22 51:13 55:11 95:5 197:10	resources 6:3 24:21 25:2,12,22 30:22 32:6 33:16 35:11 37:17
remind 13:12 99:3	replacement 54:12,21		requires 67:5 106:12,22 200:25	

93:3,6,8	28:13	42:16	133:2	249:5,6
110:10,12	32:10	130:6	136:5,9,12	269:11,13
128:13,15	56:18,19	133:6	,15	274:9
152:21,24	91:17 94:3	137:11	137:3,7	275:24
159:16	105:6	171:3	138:12,14,	Richea 6:6
178:25	107:21	267:11	17 139:24	26:22
180:15	124:6,7,17	resumes	141:3	30:19,21,2
181:6,8,21	128:5	197:1,4	146:23,24	2 32:5,6
182:2	129:10	resuming	151:9,16	33:15,16
224:10	134:4,8,16	88:10	155:24	35:10,11
256:12	168:4	171:18	157:2,5	36:13,14
257:20	182:16	252:13	171:1	37:16,17
260:10,12	196:1	retained	172:23	93:6
261:2	227:22	63:14	203:23	riches
264:17	232:17	retired	209:9,11	264:17
274:23	238:15	228:17	238:25	Rick 2:16
respect	247:6	revenue	240:21	5:11
44:9,24	responses	203:2,8	261:24	16:10,11
48:1 54:15	92:4	revenues	264:22	27:23 31:5
55:25	responsibili	160:20,23	265:11,22	32:19 38:4
56:14	ties 108:5	162:3	266:10	40:18
127:1	192:13	203:3	268:18	41:20 43:8
130:20	197:9	reverse 80:1	272:4	44:14 45:3
137:19,20	responsibili	reverse-	276:3	48:13 49:9
200:13	ty 99:13	osmosis	reviewed	50:17
202:3	104:3,13	91:2	117:9	51:20
205:7	107:10	revert 63:21	120:5	57:3,9
208:11	167:16	review	121:25	59:11
252:19	218:13,23	1:3,10 7:6	267:18	60:25
256:13	responsible	13:19 24:4	reviewing	64:13,19
273:17	164:7	30:9,16	163:23	65:3,19
respected	218:23	32:10	revisions	71:1 77:16
262:16	230:3	40:8,11,12	97:4	78:16 79:3
266:18	rest 251:11	,20 49:1	revisit	82:7 83:6
respects	276:19	53:9 54:22	23:11,14	84:22
188:13	restate	56:4 57:7	127:22	86:10
respond	238:14	58:15	ri 217:3	90:24
10:11	264:19	60:15	Rich 64:19	98:11
61:15	rested 13:8	61:11 64:7	Richard	124:3
104:6	result 13:25	82:21	1:11,14	125:2
123:22	46:7	93:13	73:4,5	155:21
136:1	150:19	97:21	74:8,9	159:12
192:20	resulted	100:1	75:19,21	267:5
193:3	253:21	105:21	112:16,17	rid 115:25
217:6	resulting	110:14	143:4,6	rights 238:1
responded	95:9	121:12	157:14,16	256:2
49:3	results	128:17	173:19,20	259:14,15,
132:25	22:13	131:9	177:13,14	20
201:6	38:15	132:18	211:10,11	261:9,13
254:22			220:17,19	262:2
response			223:18,20	263:3

264:2,9	204:25	5:12,25	Sarah-Lacey	87:5,24
rights-	257:21	rotations	4:23 110:2	88:2,4,16
bearing	Rob 6:3	228:24	128:8,9	96:3 176:5
261:24	25:1,23	roughly 22:4	153:2	226:14
rigorous	Robert 6:7	route 258:6	Saskatchewan	234:24
42:23	26:20,21	royalties	80:21	scheduled
Rinaldi 2:15	29:4,5	161:11,12	Saskatoon	113:9
25:9	30:12,13	rules 270:8	18:16	scheme 151:5
rise 72:7	92:15,16	ruling 13:19	sat 11:15	school 174:8
205:5	93:1,2	14:2 89:2	satisfaction	190:21
218:10	94:1	233:23	150:4	204:8
risk	99:8,9	run 275:22	Savannah	schools
22:10,13,1	100:22,23	running	73:21 74:4	122:23
5 42:16,18	102:11,12	59:14	saving 251:3	218:24
43:10,19	104:7,8	88:15	saw 36:21,22	Schryder
82:15	105:17,18	runoff 73:23	84:2 177:1	64:13
96:10	107:19,20	84:9	196:22	Schryer 2:16
102:19,20	108:24,25	runs 188:10	211:19	16:10,11
118:1	111:12,13	Russ 4:10	scale 36:6	27:23 31:5
160:9	126:9,10	Ryan 3:17	41:23	32:19 38:4
170:25	153:7,8		61:6,22	40:18
risks 22:11	Robin 2:14		67:17	41:20 43:8
100:2	162:21		84:23	44:14 45:3
206:12	rock		scales 37:11	48:13,25
207:4	52:14,22		46:22	49:9 50:17
Rita 4:16	80:14	safe 17:2	67:21	51:20
224:15,24	120:5	43:14,15	scenarier	56:10 57:3
225:1	121:13,15	51:9 91:14	95:11	59:11
River 19:19	142:9	107:16	scenario	60:25
21:23	Rohs 4:11	150:24	43:5 95:11	64:13,19
73:21 74:4	role 49:1,6	151:1	97:8	65:3,19
84:11	72:15	274:25	104:25	71:1 73:2
95:22 96:5	107:5,10,2	safety 42:20	111:22	77:16
133:8	2,24	160:9	127:8	78:16 79:3
258:15	175:17	220:2	147:18	82:7 83:6
road 14:7	197:1	Sahtu 185:11	155:4	84:22
22:21,24	218:15	274:8	181:14	86:10
84:2 86:1	225:11	sampling	213:2	90:24
181:15	roll 30:17	39:1	scenarios	98:11
182:1	room 132:9	52:14,22	54:15	124:3
203:17	193:15,18,	137:10	95:5,16	125:2
204:7,23	23 194:4	Sandy 6:16	99:20	147:14
205:9,12,1	199:20,23,	Sara 5:19	sceptical	155:21
7 234:8	24 200:5	Sarah 5:6,10	213:24	159:12
258:1,2,7,	223:2	39:19	schedule	267:5
13 276:14	rose 84:10	109:14,19	13:24	Schuwera
roads 17:9	275:6	125:24	14:14	241:5,6
120:13	Ross 3:5	154:10	73:25 74:1	scientific
160:8				137:8
				138:2

Scott 6:8 93:7	secured 264:24	189:1 204:11 205:16 249:12	248:18 254:13 259:2 267:18	sets 169:19
screen 92:19	security 94:17 98:19,23 99:11,15,1 7,24 100:4,5 102:7,14,1 5 103:18,23 107:25 111:4,14 118:24 125:15 145:25 146:22 147:12 148:5,25 149:6,9,12 ,15 151:18 154:19 155:3	seepage 34:13 53:19 54:5,6 55:20 56:1 61:24 116:2 119:13 130:4,5	sequence 18:5 series 36:19 96:21 215:20	setting 44:2 98:19 99:11 111:17 176:21 219:25 272:4
SEA 240:25	seasonal 58:20,22	selenium 35:2 71:16	serious 89:19,22 107:9,11 201:10 238:3	settle 20:2,3 145:18
search 271:21	second 14:6,23 20:16,18,2 4 21:4 28:12 31:15,19,2 3 32:2 33:7 38:25 41:13 46:4 100:11 105:2 133:18 195:11 256:25 257:5,9,14 263:22 267:13	selected 267:9	seriously 107:24,25 108:6	settlement 255:23 256:3 264:6
SEAs 232:5	sediment 76:20 90:9	self 261:7	serve 245:16	settles 20:4
second 14:6,23 20:16,18,2 4 21:4 28:12 31:15,19,2 3 32:2 33:7 38:25 41:13 46:4 100:11 105:2 133:18 195:11 256:25 257:5,9,14 263:22 267:13	seeds 256:23	self- sustaining 58:11	serves 246:6	seven 23:24 122:4
SEA 240:25	seeing 38:17 162:11 207:6	send 192:18	service 183:1 184:22 205:5 245:16 246:6	seventeen 165:3
secondary 9:13 245:16 246:6 247:15,17 248:12	seem 56:13 156:13 176:17	SENEs 47:4 129:22 134:3,6 135:12	services 161:25 166:11,17, 20 167:11 178:4 179:5 183:18 185:19 189:5,7 190:16 201:12 205:5 206:5 224:15,16 225:12,13, 15 239:22	several 14:22 25:14 29:12,21 30:2 59:14 168:25 230:24 231:1 253:24
seconded 137:1	seek 119:7	senior 202:13	sewing 219:25	shadowing 175:20
secondly 151:15 169:22 255:18	seeking 25:25 209:22	sense 20:8 156:13 196:22 197:24	Shafic 4:17 39:15,16 109:23,24 126:5 154:5,6 193:10,17, 24 194:9,25 198:7,16 199:15 208:25 224:7 268:9,10	
section 84:6 145:8 259:13 264:2	seemed 142:4	sensitive 260:6		
sector 245:17	seems 131:12 133:10 149:7 150:4 212:11 272:24	sent 40:22 48:15 254:23		
sectors 229:15	seen 27:9,10 84:1 85:25 111:24 121:6,8 130:6 184:16,18	separately 250:22		
secure 264:14		September 9:6,10 10:12 15:7,8 135:4,7,13 136:2 139:8,13,2 1 186:19 199:4,10	serving 222:23	
			session 9:9 147:10 199:2,9	
			sessions 147:13 149:2	

Shannon 2:5 276:24	238:3	120:22	277:10	site-
shape 37:4	shortfalls 174:21	129:2	sit 115:17	specific 18:22 45:6
share 203:23 205:16 208:12 254:5 260:9 271:24	short-term 68:7	131:20 145:20 147:3,24 150:19 151:18 162:20 243:5,9,19 244:10 245:6 256:8,18	122:21 176:2 252:16	93:16 128:23 134:7
shared 116:23 229:17	showed 42:16	significantl y 96:4	site 17:8,14 18:10 21:18 22:16,17,2 0 28:4 31:2 36:5 37:11,13 41:24 42:1,11 44:7 61:21 67:10,11,2 0 73:21,22 74:4 80:2,17 81:21 85:6 91:4 93:23 94:2,5,8,2 5 96:17 97:13 101:5 104:14,25 106:12 111:20 112:7,8 114:23 118:19 124:14 126:15 142:6 151:11 153:13 163:14,17, 19 170:17 174:5 181:16 188:15 216:4,5 221:13,19 227:13,23 253:22 256:12 259:17 262:24 264:10 267:10	sitting 93:7 122:17 225:5
shed 73:2	shown 133:6 149:16 194:16	silence 156:21		situation 11:13,14 27:9 42:14 73:7,12 120:16 138:19 197:18 226:8 251:5 254:25 256:6 261:19
shee 66:21 70:14	shows 150:12,18	similar 34:12 35:14 47:20 48:6,8,9 177:21		
Shendel 276:25	Shumera 4:14	Simon 2:4 276:24		
Shepard 2:18 159:16 164:6,7 179:15 183:9 184:14 185:24	shut 58:24	simple 19:17 58:9 62:7 63:24 184:20		
she's 71:13 197:4,5 277:8,9	Shuwera 224:20 229:24,25 233:7 236:17,18 237:2,16 238:13,14 241:23,24 242:14 246:12,13 247:9,10 248:2,3 250:1,2	simply 19:18 20:14 41:22 42:10 62:8 63:20 135:6 185:5 261:14		
Shindel 276:25	shy 152:9	Simpson 274:12		
shipped 80:21	sic 58:2 91:25 103:8 154:1 170:25 180:18 185:3 187:12	simultaneous 24:13		
shop 84:8	sided 219:2	single 70:4 102:1,4 146:15 147:20 149:5		
short 6:14 16:14 42:8 61:13 62:23 93:5,21 176:15 191:16	sig 146:24	sir 241:15 242:6		
shorten 158:21,25	sign 254:16	sister		
shortened 172:12	signed 254:24			
shorter 194:21 200:15	significance 146:24 231:23			
shortfall	significant			
			sites 27:4 95:8 147:2	situations 67:2 72:16 163:10
				six 140:9 141:6 181:25 234:7
				sixty-nine 162:12
				sixty-seven 163:8
				sixty-six 228:15
				size 37:9 245:5
				sizing 130:15
				skill 169:19 175:1 222:22
				skills 160:18 164:1 175:22 176:18 197:9,24 216:1 219:22,24

220:1	259:6,16	snow	240:23	57:22 74:1
229:17	260:4,8,16	84:15,16	241:19,25	91:12 99:7
skill-sets	,17	snowfall	242:2,10,2	103:2
196:24	261:1,4,11	85:13	1	104:6
skimmed	,15,22	so-called	243:6,9,10	109:17,18
140:3	262:4,12,2	103:18	,20 245:6	150:23
skinners	3	social	250:6	156:18
221:8	263:1,8,25	188:10	253:1,14	157:10
skipping	264:1,8,14	201:11	266:1,13	163:24
204:8	,20,25	205:4,5	socioeconomi	170:9
Skype 135:12	267:1,4,22	206:4,12	cs 159:14	171:25
Slack 4:20	268:3	208:16	soil 75:5,14	172:1,17
40:3	270:5	210:19	76:19,23,2	173:19
101:25	274:21	224:15	5 114:11	176:25
102:8	slid 215:2	socially	soils 63:14	194:3
125:7	slide 140:20	204:1	114:7	196:6
145:4,5	226:23	Society	sole 165:18	198:17
152:14	228:9	164:4	169:3	200:8
153:10,16	232:14	175:5,6,10	Soloway 5:22	209:5
155:1	242:25	socio 225:17	soluble 63:9	240:19
156:2,12	slides 140:8	266:1	76:21	245:21
172:17,18	194:17	socioeconomi	solutes	sort 34:2
208:2,3	195:1,3	c 7:20,23	32:25	36:21
239:6,7	slight 184:1	8:3,6	solution	37:24 40:6
268:5,6	slightly	14:17	27:2 54:10	47:13,25
Slave 4:7	194:16	158:17	59:3 60:20	57:14
8:7 39:21	slow 13:17	159:19,22	61:3 63:24	81:10
87:25	74:19	171:5,6	64:21	103:8
89:6,13,23	75:11	172:5,16	67:13	111:21
90:16	slumping	177:22,25	96:19	112:3
103:13,15	58:20	179:4	102:21	174:1,12
105:2,5	small 62:17	188:6	117:18	185:16,20
107:2,4	92:17	192:6	124:10	204:16
125:10	111:3	193:13	solve 109:8	sought 150:3
154:13,15,	115:1,2	196:13	somebody	sound 275:14
20 155:10	178:21,23,	200:7,11,2	81:24	sounds
172:20	24	4	206:18	220:12
192:9	180:15,20	207:12,19	222:5	source
199:21	181:11	209:15	sometime	146:14
200:3	182:10,23	210:22	198:13	147:8
208:7	183:14	224:3,6	somewhere	165:10
235:25	221:17	230:5,10,2	189:9	180:1
236:3,23	222:6	2,24	212:7	sources
238:2,19	227:20	231:6,9,15	sorry 14:4	180:2
252:8,22	249:15	,16,21,25	15:22	south 213:12
253:1,4,18	smell 83:2,7	232:3,5,18	24:19	258:11
254:2,9	Smith 240:1	,20,23	28:23	southerly
255:1,5,25	274:10	233:2	44:14	195:18
256:4,10,1	sneak 204:6	235:19		southern
9,24 257:4		236:8,20		72:1
258:8,24		238:17		

183:21,22	specs 82:13	132:18	86:7,14	56:13
184:12,23	speech	136:5	103:5	128:24
195:9	162:22	138:12	104:19	129:1,5
212:23	speed 176:4	139:24	122:2	131:14,16,
213:17	198:3	155:24	124:22	19,24
229:20	spend 168:5	157:2	141:23,24	132:7,8,11
speak 13:11	spending	172:23	159:21	,14 133:12
93:11 98:1	161:4	173:1	171:22,23	266:14
115:15	170:22	209:9	176:24	273:15
124:21	spent	226:16	181:21	states 72:2
164:2	112:12,13	240:19	197:15,20,	73:21 74:5
173:10	132:8,10	249:11	23 198:1	104:13
190:8	163:11	268:18,21	234:1,3,11	STATS 228:10
206:18	196:16	274:18	245:13	status 186:6
234:22	223:6	276:5,6	274:1	209:13
235:7	273:8	277:5,7	started 13:9	261:19
253:6	spill 116:2	stage 45:13	14:13	274:20
272:3	spin 161:7	61:8 65:13	85:24	stay 206:7
speaking	184:3	94:21	starting	234:14
92:20	spoke 123:18	212:11,20	103:11	stayed 152:9
122:21	spoken 123:1	221:21	127:6	stays 169:2
141:25	143:3,13	stages	197:21	steady-state
188:25	spot 114:16	106:17	201:7	32:11
206:19	spread 226:6	150:2	starts 215:4	Steele 6:9
special	SSWQO 21:25	stagnant	state 13:11	step 86:11
146:15	91:8	23:10	55:23,25	182:23
184:22	SSWQOs 21:24	stalled	68:17	steps
186:20	22:3	255:2	113:24	63:1,4,6
Specialist	91:10,12	stance 242:2	114:21	215:20
224:20	stable	stand 178:2	115:7	258:20
speciality	55:23,24	standards	179:5	Stevens 3:7
165:25	76:25	20:6 38:20	236:18	5:4
specific	225:20	174:9	242:2	stewards
21:19 36:5	Stacey 2:7	standing	266:6	219:10
44:7 67:10	3:24	28:16	stated 50:18	stick 16:1
69:6 91:4	276:24	standoffish	51:22	191:11,12
165:25	staff 2:2	255:24	70:17 71:3	193:6
239:13	15:19 53:9	standpoint	145:13	273:24
specifically	54:23 56:4	183:16	147:11	stop 20:1
21:5 67:15	57:7 58:15	Stanton	148:24	171:10
68:18 70:3	60:15	228:2	179:8	252:7
71:10,21	61:11	start	216:18	storage
137:1	64:7,10	11:7,11	237:2	58:21,22
165:1	110:14,16	19:21	241:7	store 18:1
168:8,13,2	119:4	24:20	statement	storefronts
0 212:6	128:17	26:23 39:4	53:15	185:23
240:2	131:9	41:25	61:2,4,7	
245:17		85:25	64:15,17	
specificatio			134:6	
ns 60:1			143:23	
			statements	

straighten 140:13	strongly 45:25 96:1	194:19 196:3	suggests 232:8	164:19,25 165:4,6
Strategically 19:24	206:23 216:9 222:18	subsequent 94:5 253:24	suitability 96:22 124:5	166:8 180:8,9 181:10 186:1,2 187:5,10,16
Strategies 16:21 18:15 29:19 34:9 35:25 37:2 46:15 57:22 67:1 69:1 73:19 75:2 76:17	structure 175:15 225:21 227:4	subsidies 195:20	suitable 17:19	
	structured 138:25	substantial 260:23	suited 185:3	supplies 187:8 258:12
	structures 17:11,15	suc 170:5	sulfates 80:20	supply 159:16 164:7,12,23 165:12 168:7 179:16 180:2 184:4 187:10,13
strategy 97:5 168:14 171:3 183:7	struggle 197:19	success 117:6 148:18 167:14 232:5	sulfur 120:1,11	
	struggling 206:18	successes 232:4	sulphate 63:8,12,21	
stratify 32:24	students 228:19	successful 117:6 148:8,20 165:14,19 170:5 182:7	sulphates 46:16	
stream 116:11 258:12	studies 17:20 44:3 47:13,18 48:2 61:6 96:21 215:12	sudden 221:20	sulphide 63:2,8,13	support 94:12 98:19 100:17 107:14 125:14 132:7 146:5,19 168:8 180:11,13, 25 183:5 206:23 208:14 212:17 216:4,7 219:23 223:13 229:3 232:12 244:14 266:7
streams 116:13	stuff 73:9 77:5 210:16 245:14	suffice 131:25	summarize 88:22	
strength 45:9,10,18 71:13 167:18,19 223:5	subarctic 130:21	sufficient 48:20 64:23 118:5 181:2	summary 48:6 122:3 258:22	
strengthen 12:2 181:11 206:11	sub-Arctic 47:21	sufficiently 141:1	summer 59:1 219:19	
strengthenin g 220:6	subject 240:22	suggest 48:18 133:7 151:15	Sunny 5:7 sup 137:23 Super 73:22 supervisors 163:20 220:14	
stress 227:20	submission 48:16 247:1	suggested 120:2 138:22,24 206:24	supplementar y 195:12	
strong 167:9 180:19 206:7 207:1 208:5 219:23 220:6 223:11	submissions 15:12,14,16 6 64:22 151:23	suggestion 137:24 193:8	supplied 257:11	supported 117:24 128:25 137:23 217:20
stronger 205:3,25	submitted 18:3 29:20	suggestions 22:23	supplier 181:11,22, 24 183:21 184:12,21, 23 185:2 186:11 187:6,8	supporting 129:22 217:21 227:10,12
			suppliers	suppose

72:13	228:21,22	71:25	260:22	58:10
supposed	267:11	82:15	talking	61:16
89:5	surveys		27:10	93:13 98:2
212:25	267:10	<hr/> T <hr/>	64:15	104:21
266:1	survives	table 7:1	71:13	106:17
supposing	259:12	8:1 49:20	74:11	108:4
84:9	Susan 4:8	81:4 138:5	76:10	147:10,13
surance	suspended	250:8,11	113:20	149:2
118:23	74:17	273:13	122:18,20,	196:10
sure 45:14	sustain	tables 81:3	22 147:17	230:25
65:1 74:12	170:21	277:3	162:18	271:16
78:17	sustainabili	tackle	177:5	technologies
90:25	ty 146:9	202:16	189:10	100:18
101:13	225:18	tackled	220:15	138:7
105:6	sustainable	202:15	241:1,18	technology
115:3	94:10	tagged 60:18	252:19	18:11,20,2
125:18	181:25	tailings	266:13	1 19:4
127:15	229:15	79:17	talks 37:22	31:9 42:11
165:2,11,1	sustained	tailor 71:8	tap 196:19	79:7 98:25
7,19	214:1	72:5	target	120:14,17
166:8,10	switched	tailored	215:23	Teed 4:10
168:17	187:9	44:7	targets	telephone
169:2,23	synthetic	taylor-make	202:3,4,25	185:23
170:1	54:4,10	45:12	203:5	189:24
180:21	119:5,20	taking 30:17	214:24,25	temporal
181:7,8,24	system 16:18	43:1	215:1,8,9,	97:23
185:22	17:7 18:9	253:21	19	ten 19:2
186:7	19:5,22	talented	tasks 52:5	27:10
187:3,16,1	20:24 22:4	263:4	tax 160:14	88:22
8 189:25	28:8	talk	203:2	91:20
213:25	31:1,7,15	16:17,18	taxation	95:21 96:2
238:6,22	32:15	22:18	202:22	140:5
244:10	33:8,21	31:13,16	203:2	151:23
246:15	34:19,21	37:21	taxes 161:10	164:16
247:4	36:17,18	113:21	TB 226:14	174:24,25
251:12	38:10 39:5	115:18	TCSA	192:23
252:4	52:8 55:17	116:17	225:14,22	201:9
263:5	66:5	126:18	227:5	tendering
264:4	90:1,4,5	145:24	tea 275:23	183:2
266:16	91:2,7	188:5,12,1	team 73:20	tenet 150:7
277:15	96:5	3 215:22	131:6	term 28:10
surface	105:10,11	talked 58:22	168:7	32:15
17:22 22:8	106:1	76:2	180:3	81:16
surgery 47:6	149:14	133:12	181:7	118:8
surrounding	systems	150:24	227:22	terms 21:11
249:20	17:17	166:17	technical	22:23
surveillance	18:15	196:21	19:8 50:25	28:2,7
226:21	21:18 22:7	247:21	53:16	31:25
survey				33:10 39:6
195:25				

40:20	274:22	3,25	98:1,5,6,1	144:6,8,12
43:12 52:7	territory	48:10,24	2,13,16	,13,25
55:13	40:7	49:5,18	99:1,5,8,9	152:6,8,17
59:19,20,2	145:15	51:14	100:10,13,	,24
4 71:20,24	147:2	52:10,15,2	22	153:3,7,13
77:21	155:7	4	101:18,23	,14,24
80:24	165:14	53:5,11,23	102:1,8,11	154:2,5,8,
81:1,15	201:22	,24	103:12,14	12,14,23,2
85:5 90:11	261:6	54:22,24	104:7	4
102:6	test 232:3	55:3	105:1,4,14	155:9,11,1
124:14	testing	56:3,5	,15,17	4,19,23
169:7	37:23	57:1,2,5,6	107:1,3,17	156:17,20,
178:3	84:23,24	,8,16	,19 108:24	24,25
183:2	130:6	58:14,16	109:11,16,	157:1,6,8,
184:10	226:14	59:5,6	21,25	9,12,13,14
213:1,10,1	tests	60:13,14,1	110:4,12,1	,16,18,21,
6 246:2	38:14,15	6	3,18,22	22,24,25
249:18	44:3,6,23	61:9,12,25	111:1,6,7,	158:2,3
264:10	text 140:7	62:1	12	159:13,17
273:15	152:11	64:6,8,11	112:9,14,1	170:6
territorial	265:9	65:4,8,16,	5,17,22,23	171:8
160:22	TG 50:9	17	,25	172:20
161:10	TG-14 124:6	66:7,9,11,	113:1,3,4,	173:2,6,14
162:4	thank 16:10	13,20	11,18	,18,21,24
228:2	23:20,23	67:25	122:14	174:12,13
Territories	24:1,3,6	68:2,20	123:6,11,2	176:9,21,2
39:13 94:3	25:7,20,21	70:13	3	2
97:17	,23,25	72:10,12	124:14,16	177:8,10,1
107:8	26:2,19,20	73:2,3,13	125:3,4,9,	2,16,18
109:17,22	27:17,18	74:3,5,7,2	12,19,20	179:12,13
126:2	29:2,4,5,1	4	126:1,6,7,	182:8,12,1
154:4,7	4,15	75:19,21,2	9,20,21	5,16,17,19
159:3	30:7,8,12,	3,25	128:4,8,10	183:7
161:22	20,21 31:3	76:13,14	,11,15,16,	184:6,8,13
181:1	32:3,5,17	77:1,3,10,	19 129:15	187:20
182:11	33:13,15	11	131:8,10	188:1,3
198:8,17,1	34:3	78:1,2,4,1	132:1,6,17	189:11
8 199:1,16	35:8,10	1,22	,20	190:10,24
208:20	36:11,13,2	79:1,10,12	133:21,22	191:1
209:1	4 37:14,16	,13 80:5,6	134:15	193:9,19
224:4,8	38:2	81:9	135:9	195:21
229:2	39:9,10,16	82:6,24	136:4,6,19	196:5
230:8	,17	83:3,4,11,	,20	198:5,13,1
236:6,12	40:12,13,2	13,15	138:11,13	9,20
237:1,3,10	5 41:1,14	85:18,20	139:9,23,2	199:5,16,1
,24 238:9	42:23	86:25	5	8
241:20	43:22,25	87:12	140:17,18	205:15,19
242:9	44:12	89:12,14	141:8,10,1	207:10,13,
243:8	45:1,19,21	90:16,17	1,13,18,22	23,24
248:23	46:12,22,2	91:15,16,1	142:10,11,	208:6,9,17
250:19		7	14,15,17,1	,18,23
268:8,11		92:14,15,2	9,21,22,24	209:1,3,8,
		2	,25	10,16
		93:1,10,11	143:7,8	210:5,9,11

,25	25	68:13	216:8	137:18
211:1,7,9,	270:3,4,9	71:23	217:5	138:9
11,13,16	272:9,10,1	72:18	221:2	147:24
214:9,13	4,18,20	74:12 76:4	241:6	149:14
216:14	274:14,15,	77:18,19,2	243:11,20,	152:21
217:5,6,7,	17,25	5 83:13	24 244:25	158:5
23,25	275:6,11,1	84:6 85:2	248:6	160:4,8,12
218:2,17	6,21,25	91:6,9	249:20	,24
220:8,15,1	277:5,7,12	99:23	251:3	161:5,15
6 222:9	,22	100:1	252:18	165:25
223:18,22,	thanks 30:13	104:11,12	254:19	174:16,17,
23,25	32:16	105:21	257:1	24
224:24	35:18	106:23	264:18	176:6,7,14
229:20	36:23 38:1	111:5	270:24	177:3
233:11,12	40:4 49:22	112:5,12	273:16,17	191:24
235:13,24	56:6 57:9	115:23	276:23	194:23
236:2,10,1	100:20	119:6,21	277:16	201:23,24
1,22,25	116:17	120:8,14	themselves	218:23
237:7,9,21	134:1	121:1	131:16	221:7,8,16
238:8,18,2	142:18	123:3,4	170:16	,22 222:3
0,21	145:4	124:13	203:1	235:6
239:3,8,16	153:16	128:2	236:9	244:13
240:7,16,2	155:1	130:4,13,2	thereafter	249:13,18,
0	172:17	4 135:4	171:15	19 250:24
241:3,13,1	177:15	136:16	therefor	251:1
5,21	208:4	138:20	232:21	253:14
242:3,4,6,	223:21	140:14	therefore	261:16
11,13,16,1	236:21	141:6	22:3	268:23
8	239:6	142:8	143:21	272:25
243:13,25	249:7	144:20	there'll	Theresa 2:21
244:16,18	269:10,14	146:9	40:25 42:5	they'll
245:3,7,9,	that'll	150:8	there's 20:1	38:24 52:1
18,24	79:17 85:8	152:10	23:13	83:7
246:1,7,8,	91:3 92:5	155:2,5,8,	24:14 33:9	105:23
21 247:18	161:3	12 156:9	43:3,6	115:6
248:8,18,2	235:15	158:19	49:17	123:5
2,24	that's 18:18	164:24	51:25	they're 16:5
249:1,2,3,	23:15	174:19	60:6,7,10	38:25
4,8,10,22,	25:24	175:18	62:16 76:3	43:15
23	28:7,9	182:1	79:24	62:14,22,2
251:6,8,16	29:16	185:11	81:21 85:1	3,25 75:7
,17,19,21,	30:3,15	186:11	111:17	80:18
25	31:8	189:9	112:3	81:15
252:1,5,15	33:2,5	190:4	115:1,2	114:9,14
253:3,5	40:6,9	191:17	116:2	122:25
265:4,7	43:20	193:25	117:14	131:24
267:6,20,2	49:6,7,23,	194:15	120:6,18	172:12
1	24 50:13	195:2	121:17	175:12
268:1,5,7,	51:6,18,21	199:16	125:19	177:7
12,14,17,1	,24 52:9	200:23	127:11,12,	185:13
9,22	57:4 62:6	205:23	15 132:14	186:7
269:3,5,7,	63:17	208:4		194:25
9,11,15,18		210:15		
,19,20,22,		215:11		

206:19	163:8,12	14:3,9,19,	154:20	219:17,20,
215:19	228:11	23 15:6	155:15,18	21 222:10
221:19	threatened	19:14	156:6	223:2,9,23
222:1,2	260:6	22:22 23:1	158:23	224:16
228:17,18	thrive	24:3,13	161:3,14	225:12,14,
250:20	260:11	38:9	162:24	21 229:11
255:18,21	throughout	41:2,8	163:10,11,	233:20
275:5	23:6 31:10	42:25	13 164:19	234:6
they've 16:4	58:25 59:1	43:23	165:14,16,	238:2
28:4	168:25	44:1,11,20	20	239:9,11,1
71:7,14,18	181:1	45:19,22	167:2,8,10	4,20
,19,20,25	214:1	46:24 47:1	168:8,15	241:10,18
120:1	Thursday	49:4,19,23	169:12,14,	254:5
172:6	272:23	50:4,20	18	255:16,22
185:15,18	TIC 169:6	51:12,23	170:15,18	258:5
190:17	180:17	52:8,11,13	172:12	259:6,10
241:7,8	tigers	,25	178:5,9,15	260:7,11
255:15	185:16	53:8,15	,16	262:10,12
260:21	tight 263:14	61:16	179:6,10,1	263:21
Thickener	till	86:13	1,25	264:5,6,13
120:22	14:16,17	92:19	180:24	,25
thin 76:11	17:23	97:16	181:13,19	267:23,25
thiosalt	191:20	98:14,16	182:3,5	270:22
64:2	234:1,11,1	99:6	188:12	271:11,15
thiosalts	2	100:11,14	189:4	Tlicho's
61:19	time-frames	101:14,19	190:13,24	61:16
62:5,7,12,	200:14	102:2,17	191:6,8,23	today 12:2
17,18,22,2	timeline	103:17	192:6	13:10
5	145:25	113:7,14,1	196:14,20	14:25 47:6
63:4,11,16	146:3,7	6 116:23	199:19,23	65:25
121:19,24	timely	117:4	200:3,8,9,	92:21
141:6	265:23	118:20	11,13	93:5,11,21
third 101:19	timetable	119:12	201:3	96:2
thirty 27:11	15:5	122:12	202:11,17,	117:13
84:4 113:9	tired 275:5	124:24	20,21,23	119:4
171:11	title 256:2	125:6,11,1	203:1,10,1	121:14,20
thorough	TK 14:3 15:7	4,22	3 205:22	130:1
149:19	86:5 135:7	126:3,18,2	207:3,11,1	134:10
171:1	191:23	2,24 127:5	8	141:17
thoroughly	234:6	128:7,17	208:1,8,10	191:3,11,2
264:23	267:14,15	129:16	209:12,17,	0 192:2
thoughts	Tli 167:1	132:1	23	194:16
38:9 39:6	Tlicho 3:11	133:22	211:2,16,2	198:11
85:10	7:14,23	135:10,15	0,24	203:23
126:20	9:3 10:3	139:10,16	212:2,3,10	224:12
127:3	13:19	140:15,19	,13,14,18,	225:11,14
153:11,12		141:20	20 213:4,8	226:24
203:25		142:5,8,22	214:5,8,14	234:18
thousand		143:9,15	215:10	249:12
		144:3,7,13	216:4,10,2	255:11
		145:15	0,23	256:24
		149:8	217:8,15,1	259:19
		151:2	8,21	260:19
		153:9,20	218:7,18	

262:19	tough	traffic	transparency	18:14
263:8,13	11:14,23	160:8	184:9	19:22
266:3	249:11	train 174:4	Transport	20:4,7,12,
today's	252:3	175:14	5:22 26:3	13,22,24
14:12	tour 253:23	176:25	110:4	21:18
158:16	Tourism	trainer	128:11	22:6,13,15
Todd 4:20	224:21	175:16	152:25	26:24
40:3	230:1	training	274:22	31:1,7,15
101:25	towards	159:24	transportati	32:15,21
102:8	18:12	160:17	on 95:9	33:8,10,21
125:7	84:11	163:15,19,	163:18	36:17
145:4,5	111:22	21 164:3,4	166:21	42:19 52:8
152:14	128:3	174:1,5,16	181:16	66:5 71:20
153:16	150:21	,25	trap	78:10,20
155:1	198:1	175:5,6,8,	115:14,19	79:1,6,24,
157:8,12	209:15	10	travel	25 82:14
158:1	town 204:24	176:8,14	12:18,19	91:10
172:17,18	toxic 27:16	177:2	116:25	95:15
208:2,3	toxicity	198:2	195:13,20	96:22
239:6,7	76:23	206:11	travelled	97:2,12
268:5,6	track 141:16	210:18	235:12	98:22,24
Todd's 40:19	198:21	212:15	274:6	99:25
Tom 2:15	tracked	213:1	travellers	100:6,9,20
25:9	163:1	215:24,25	257:7	105:25
tonnes 79:22	Tracz 6:12	216:23	travelling	106:8
89:21	trade 220:25	217:2,13,1	116:8	118:6
230:12	256:22	9	Travis	133:4,5
Toogood 2:4	traded	220:1,20,2	276:25	146:14
276:24	257:10	1 221:11	treat 18:9	155:5
tool	tradespeople	222:4	20:8 36:10	228:3
148:10,12	222:3	229:3,12,1	71:4,11	treatments
232:3	traditional	6 239:13	91:2	104:24
tools 175:24	13:21 23:3	249:18	140:15	trioxide
top 33:1	77:6,20	transcript	treated	89:21
66:2 81:2	82:17	8:10	26:24	trip 253:22
124:23	97:19	134:20	71:21	trite 83:7
207:16	106:18	transcripts	117:11	trouble
topic 201:13	219:22	275:12	119:10	63:22
topics 13:22	238:1	transition	205:7	229:18
145:25	254:4,9,10	222:22	211:5	troubling
topography	255:7	translation	treating	237:23
37:11	256:13	24:13	28:17,20	truck 174:23
total 94:18	258:24	translators	29:23	216:20
162:2	259:3,25	13:14	30:2,6	217:3
touch 113:25	260:13	142:3	34:10	219:8
touched	261:5	275:2,4	treatment	220:12
188:22	262:9	transmission	16:18	221:7
	271:22	260:1	17:7,17	trucking
				166:20
				truckloads

258:12	95:19	45:6,8	203:5	unforeseen
true	147:16	117:8,9,20	243:1	146:18
185:14,18,	160:11	,25 118:14	254:7,17,1	unfortunate
22	174:23	131:1	9 267:17	57:4
truly 150:13	218:9	148:16	understands	unfortunatel
trust 51:8	twenty-five	231:24	188:13	y 40:5
try 88:13	228:11	271:18	understood	87:17
92:17	type	uncertainty	94:19	149:7,8
113:10	36:18,21	10:11	undertake	193:15
143:19	37:19,24	96:15	44:2 139:6	246:13
144:19	54:10	117:21	undertaken	254:10
158:25	55:13	132:15	136:16	273:16
190:23	59:24 70:1	133:21	148:3	unfunded
192:4	72:25	136:1	undertaking	147:7
246:2	73:12	231:1	29:13	uniform 37:5
255:2	75:14	unchanged	30:15	unila 151:6
265:16,17	77:24	51:5	48:1,5	unilaterally
trying	151:4	unclear	64:18	149:25
126:16	169:10	149:25	107:23	unique 73:7
131:2	176:18	underground	119:7,18	109:5
221:5	181:18	162:10,13	122:6	120:16
251:10	228:3	understand	123:18,22,	176:21
Tuesday	types 35:5	41:10 62:5	23 124:18	United 72:1
135:3,4	54:15	72:16,22,2	139:14,16	73:21 74:5
137:23	55:15	5 78:8,18	140:25	unjust
250:5	67:3,7	89:24 90:2	141:7	260:19
272:21	69:3,11	105:6,7,13	156:6,12	unjustifiabl
tune 59:16	197:9	,19	198:9,12,1	y 259:5
turn 89:10	223:15	114:3,13	5,24 199:7	unknown
90:18	Typically	120:5,6	244:6	150:5
104:5	55:9	121:17	246:23	unless
127:2	typo 57:5	132:13	247:20	137:16
134:3		142:8	248:4,10	147:24
192:11,15	<hr/> U <hr/>	143:18	undertakings	Unlimited
200:9	ultimately	190:15	7:3 9:1	4:3
203:15	11:25	195:7,25	141:15	unpredicted
216:12	112:6	215:13	undervalued	146:18
221:14	umbrella	226:12	257:22	unsuitable
233:13	182:5	227:6	underway	20:21
256:5	un 143:17	240:22	258:6	update 23:15
265:8	unable 240:2	241:16	261:5	updated 10:5
turned	unavoidably	266:15	undiscovered	133:16
163:10	192:13	267:17	257:22	135:17
213:2	uncertain	understandin	unemployed	upgrade
twelve 19:16	244:24	g 18:6	228:13	174:6
96:3 223:6	uncertaintie	51:18	unfill 147:6	
twenty 14:24	s	72:15	unfolfund	
19:10,11	44:8,22,24	114:17	147:6	
27:11 84:4		130:10,17		
		138:19		
		202:2		

175:23	value 132:13	119:20	66:12,13	119:24
upkeep 58:1	valued	vice 277:11	68:1,2	120:5
upon 11:1	230:13	view 148:2	70:15	121:13,15,
15:19 37:9	values 152:3	271:23,24	72:11,12	25 141:2,4
88:9,10	Vancouver	views 211:17	112:20,21	166:21
95:24	277:9	232:2	142:20,21	wastes 28:21
171:17,18	variables	violence	144:22	water 10:5
252:12,13	120:7	227:3	157:19,20	17:24
278:1	variety	Virgl 3:6	177:17,18	18:10
upstream	19:13 52:3	virtually	182:13,14	19:18
51:2 58:23	65:21	41:22 42:9	211:14,15	20:2,5,8,2
59:22	68:11	visible	214:14,16	1 21:8,19
85:11	70:18	259:11	216:15,17	26:24
upward	71:17	vision	248:25	27:16
216:8,10	72:2,3,16	136:18	249:1	28:6,11
upwards	180:22	150:11	263:13	30:22
186:2	213:13	151:1	269:16,17	31:17 32:6
uranium	219:7	visiting	274:9	33:5,16
71:16	221:9	85:23	Wah-shee's	35:11 36:5
urge 264:7	227:14	voice 208:5	219:6	37:5,17
USA 29:25	various	219:14	wait 86:8	38:13
usages 82:18	21:12	Voisey	92:3 239:1	45:11 46:8
useful 27:14	38:7,8	219:14	Walbourne	51:2,3,4,9
29:8,9	62:13	volume 20:16	5:11	56:25 59:1
222:17	vegetation	70:1	walk 82:4	60:11
usefully	23:2	130:17,18	84:8	61:14,24
121:21	venue 24:4	183:23	124:14	63:9 67:3
users 153:22	210:24	Vos 2:24	147:23	69:9,10,18
usually	Vern 2:9	52:20 54:1	walkaway	,19,22
11:12	276:21	55:8 62:3	59:3	70:1,2
12:5,8	versa 277:11	80:11	60:19,20	71:4,6,9,1
62:16	version	124:6	61:2 64:21	2,22 72:8
107:8	16:15	<hr/>	67:13 95:5	74:16,17,1
utilize	194:22,23	W	96:19	8,19
112:8	versions	Wa 119:4	117:18	75:11,12,1
<hr/>	194:22	wage 162:20	124:10	5,16
V	versus	wages 159:23	127:9	76:8,18,21
vaccination	184:12	161:24	walk-away	79:1
226:14	vett	163:7	27:2 54:10	84:10,14,1
Valley	189:25	Wah 66:20	wasn't 84:5	7
1:2,10	vetting	70:13	89:5	85:1,2,12,
104:4	187:1,4	219:6	107:21	13 86:16
122:1	vi 118:22	Wah-she	137:16	90:1,4,5,8
146:22	via 3:24	48:14	148:24	91:2,4
243:2	259:7	Wah-shee	276:5	93:6,8,16
265:12	viable	1:15	waste	95:15
			27:16,17	96:4,16,20
			28:17 30:6	97:12
			52:14,22	99:13,14,1
			68:12,13	6 101:2
				102:6
				103:5,10
				104:3,4

106:4,5,8, 24 107:15 108:15 111:15 114:5,8,10 115:23 116:1,6,12 ,16 117:11 118:24 119:4,9,13 ,16 122:2 126:25 128:23 129:3,7 130:4,5 131:19,21 133:1,2,8, 11,16 135:18 136:17 146:23 148:6 150:15 151:13,16 225:6,8 242:23 263:14 277:7 waters 22:8 114:6 watershed 90:14 265:2 waved 153:25 waving 13:15,16 wax 173:11 ways 165:5,10 176:6 185:12 235:12 256:5 274:7 wayside 222:5 weak 107:11 weakness 45:18	weather 68:20 273:2 we'd 22:22 119:7,14 120:7,8 124:11 127:9 134:4 140:14 202:7,8,14 216:11 265:9 Wednesday 16:19 18:8 93:19 99:12 128:21,22 145:13 272:22 weed 185:16 week 15:23 198:13 199:3 231:4 248:5,7 253:7,12 266:5 272:20 276:11,12 weekend 276:18 weeks 24:6 134:22 204:18 276:9,11,1 4 Wek'eezhii 99:13 102:6 103:10 106:3,24 136:17 225:6,8 277:7 Wekweeti 178:23 welcoming 270:7	we'll 14:16,17,2 5 15:3,24 16:17 18:16 24:10 30:14,16 35:19 40:1 41:15,23,2 4 42:10 49:24,25 51:13 60:3 61:7,8,10 64:7 84:24 87:2,3 88:6 89:8,9 90:19 92:2,3,17, 23 99:4 100:10 127:18 130:19,23 144:15,17, 25 156:22 158:13,14, 15 159:5 167:14 171:11,12 174:13 183:10,12 202:17 206:5 217:7 218:17 230:9 234:2,7,11 235:9 239:1 240:9 246:2 250:2 252:9 273:25 276:15 277:21 well-being 232:20 256:9 260:4,6 261:2 well- deserved	276:19 wellness 159:25 225:15 well- respected 187:23 we're 13:7,13 14:20 18:22 20:19 21:20 31:8,16 32:23 33:3,22 34:15 42:2,13 43:1 45:16 47:21 59:12 60:2 67:10,16,1 9 79:6 87:1,3,23 88:13,15 89:20 92:6 98:2 99:3 100:17 105:19 116:5 117:17,21 118:4 119:13,18 121:18 122:6,20,2 2 123:20,23 124:13 127:6,13,1 7,18,19,20 ,24 128:5 130:18 131:2 141:18 144:23 147:17 153:18 159:4 161:22 162:2,11,1 6,18 163:16	164:13,21 165:19 166:13 168:3,17 169:10,14, 17,22,24 171:10,21 172:3,4 179:23 180:25 186:13,18 187:1,12 189:10,22 191:10,11, 20 192:1,2,3 198:21 200:14,19 201:1,2,6, 12,16 203:11 204:4 205:25 206:8,25 207:22 217:14,21 218:9 219:16 220:14 235:5 256:1 270:16,18, 24 272:24 273:25 274:1 276:11,12, 15 wet 76:10 78:6 90:14 117:14 wetland 10:10,11 16:18 17:7,17 18:9,14,17 19:22 20:24 21:2,5,7,9 ,18 22:6,12,14 26:24 28:8,10 30:25
---	---	--	---	---

31:7,15,19 ,22,23 32:2,15 33:7,21 35:1 36:4,7,16, 18,21 38:14 39:4 42:3,6,19 44:4,6,9,2 5 45:12,14 52:3,8 54:19 58:6,24,25 59:5,13,22 60:7 63:11,15 66:5 67:19,23 68:15 69:2,13,18 ,25 70:9 71:3,21,24 72:5,21 73:20 76:20 78:20,25 79:6,25 82:14 83:8,10 84:24 85:3,6,9,1 2,14 90:6,9 91:10 132:22,23 133:4,5,20 135:24,25 wetlands 10:9 28:15,17,2 0,25 29:22 30:6 34:10,18 36:1,10 37:3,20 41:9,11,13 42:17,19 43:11,13,1 8,20 45:8 46:5 47:15,17,1 8,19	48:7,8 50:6,8 56:9 57:10,12,2 3 58:7 66:15 67:1,4,8 68:5,6,9,1 1,17,19 69:3,12 70:3,18,20 71:6 72:15,17,2 2 73:7,11 74:11,12,1 4,15,19 75:9,10 76:2,10,19 77:5,8,17, 23 78:7,10 83:1,3,21 84:11,17 96:19 100:20 105:9 114:8,15 117:5,23 118:1,6,15 121:5 127:7,14,1 6 133:8,11,1 9 135:23 137:20 141:3 154:22 we've 23:10,12 25:14 38:5 40:20 43:17 47:3 56:24 58:22 59:18 61:4 65:25 84:5 88:1 95:23 99:21 104:14 116:23 117:13,25 119:5 120:4,20 121:6,8,14	,16,22 122:3 127:12 130:10,16, 23 132:7 140:4 145:18 156:4 161:11 164:23 165:9 166:17,23 167:7,13,1 8 168:19 169:7 170:24 180:3,5,20 181:6 183:13,14 184:15,16, 18 187:2 197:24 201:14,15, 22 202:19 203:7 206:15 215:11 233:22 255:9 260:20 263:15 264:11 267:18 whatever 12:13 71:9 74:21 82:3 131:22 190:6 197:10 222:3 Whati 31:13 160:3 178:23 201:9 203:18,21 204:13,14, 23,24 205:17 206:4 211:19 219:21 227:19 228:1	235:1 272:21 273:2 whatsoever 178:11 Whe 131:11 Wheler 5:18 53:11,12,2 5 54:24,25 56:5,6 57:8,9 58:16,17 60:16,17 61:12 64:8,9 128:19,20 131:10,11 132:19 134:14 136:6 277:8 whenever 249:13 whereby 188:19 190:17 whether 25:3,4 29:8 30:24 32:14 34:1 47:25 48:4,5,19 56:25 64:16 67:14 68:6 70:23 72:20 100:9 102:20,25 104:22 109:7 117:17,18 119:20 126:19 132:13,14 168:10 220:25 221:22 244:13 whip 16:5	whoever 92:4 193:2 whoever's 238:24 whole 59:1 68:11 78:6 151:5 165:18 168:12 183:13 193:18 265:18 274:20 wholly 217:10 who's 159:10 174:20 197:16,17 203:16 215:14 whose 237:25 wide 35:2 wildlife 9:9 17:3 65:23 113:25 114:11 150:25 151:1 198:10 199:2,9 William 275:25 willing 40:10 50:14 228:23 253:9 261:12 263:4,18 wind 17:24 winter 58:24 winters 46:4,10,18 wisdom 144:15 wise 12:3 wish 23:2
--	--	--	---	---

154:21	103:19	workforce	28:17	272:22,23
208:15	121:6	163:22	65:11 73:9	273:3
217:5	125:17	170:21	78:9	274:8,11
272:3	132:8	175:12	271:23	275:15
274:25	137:19	211:25	worlds 204:9	276:10,13
wished 127:9	149:16	217:4	worst 155:7	Yellowknives
wishes 262:4	154:23	225:20	worst-case	40:2
Witherly	163:17,19	229:19	33:4 43:5	101:24
5:14	165:15	working	111:22	125:5,8
WLWB 5:17	166:5	19:24	155:4	144:24
woke	167:7,21	34:15	wrestling	145:5,13,1
11:12,15	170:15,17,	41:22 42:9	130:23	4,20
woman 208:4	20 175:4	47:5,9	write 92:1	146:3,5
wonder	179:21	70:10	193:3	147:1
136:11	188:15	75:17	238:24	148:1
196:2	190:7	84:12	writing 88:4	149:18
244:5	196:21	105:11	192:18	150:8
wondered	197:3,4	128:3	193:1	151:3,8
61:15	200:25	160:7	198:11	152:22
wondering	201:3,6,7,	164:3	199:3	153:12,15,
25:3 27:2	10 202:14	168:16	229:18	17 155:16
29:7,11	212:14,21	175:9,11	written	158:3
32:14	213:8	187:24	15:12,14	172:13
35:16	214:17	196:13,17,	134:8	180:4
37:23	215:14	24 197:3	wrong 172:1	188:11
73:10 86:9	219:17,20	198:1	178:1	207:25
100:17	223:1,3,10	202:18	wrote 92:4	208:3
103:22	224:9	205:24	WRRB 6:19	239:4
126:17	228:14	221:25		255:19
138:23	229:9	222:3,7		265:1
174:11	239:20	223:7		268:2,6
189:10	251:10	230:20		Yep 185:9
192:14	255:12,15	254:13		yesterday
194:17	260:23	255:13,19		13:15,18
198:12	271:17	273:22	yearly	15:6 29:20
220:21	275:14	work-ready	38:12,19	36:22
249:20	workable	229:12	yelling	65:16,24
Woodsen	28:7 41:25	works 19:4	275:9	191:3,5
275:24	worked 20:12	31:10	Yellowknife	196:16
work 18:7	35:3,5	105:10	84:2 89:20	yesterday's
27:10 34:9	38:7 49:4	138:25	100:16	198:10
38:24	59:19,25	223:10	154:18	yet 144:17
41:11,13	180:4,21	235:2	166:5,6	158:6
42:13 43:5	181:13	243:2	170:18	172:13
46:1 47:9	201:15	251:12	180:18	195:19
50:19,22	223:6	255:9	187:9	258:4
77:10 86:3	269:23	workshops	189:9	260:23
96:21 97:3	workers	166:7	190:17	270:14
100:9	212:23	190:17,18,	195:18	271:16
	213:4,12,1	19	204:24	YKDFN 4:20
	7 216:4	world 18:21	228:2	7:17 40:3
	263:1,5,10		235:1	

101:25 102:9 145:3 148:17 150:2 154:25 172:18 239:7 you'll 32:25 63:7 103:4 183:3 209:25 young 2:20 85:22 188:4,15 189:3 204:2,7,14 207:13 208:4 211:18 218:7 yourself 176:1 218:2 yourselves 218:16 youth 123:3 you've 16:3 30:14 36:9,12 59:16 134:7 138:22 158:19 159:3 214:17 220:21 221:23 240:25 Yukon 30:1 69:16 70:11 72:1 <hr/> Z <hr/> Zoe 3:23 6:25				
--	--	--	--	--